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Product Selection Guide

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Product Selection Guide



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Type 43/SMZ Connectors are extensively used on 75 ohm communication systems and have become the recognised standard in telecommunications in many parts of the world.

Designed around the requirements of BS9210 F0022, these connectors are designed for field installation and feature the 'Posi-lock' latch to prevent accidental disconnection.

Type 43/SMZ Connectors are available in 3 package sizes, Standard, HDC & UHDC. Whilst all configurations have the same interface dimensions and are intermateable, the outer body size of the HDC is reduced & again for the UHDC to facilitate a closer packing density on the distribution frame.

BT43 (SMZ Range)	Type 43 (12.7mm spacing)	HDC43 (10mm spacing)	UHDC43 (9mm spacing)
DDF Plug			
Socket			
U Link (A)			
U Link (B) with monitoring port			

ITT's wide range of Cannon Type 43 / SMZ connectors are extensively used in 75 ohm communication systems and have become the recognized standard in telecommunications in many parts of the world. Designed around the requirements of BS9210 F0022 and draft specifications CECC 122 300, these connectors are designed for field installation and feature the 'Posi-Lock' latch to prevent accidental disconnection.

A special feature of the Cannon Type 43 / SMZ range is the QT (Quick Termination) technology for cable connectors. Designed to reduce assembly time and loose parts, the QT termination system incorporates a connector body with a pre-assembled centre contact, termination is simple with no loose contact to drop or lose. QT provides a reliable gas tight connection between the inner conduc-



DDF Crimp Plug Plug 43/GTIS	Cable	Pack	Model	Stock Code
	BT2001	25	051-127-9739A9A	201-5001-001
	BT2002	25	051-127-9749A9A	201-5002-001
	BT2003	25	051-127-9759A9A	201-5003-001
	RG179	25	051-127-9779A9A	201-5004-001
	BT3002	25	051-127-9769A9A	201-5005-001
	RA7000	25	051-127-9479A9A	201-5007-001
	Saturn	25	051-127-9199A9A	201-5031-001

DDF Plug QT Plug 43/GTIQT	Cable	Pack	Model	Stock Code
	BT2001	25	W51-127-9439A9A	201-5203-001
	BT3002	25	W51-127-9459A9A	201-5205-001
	RA7000	25	W51-127-9479A9A	201-5207-001
	RA8000	25	W51-127-9059A9A	201-5208-001
	NCX	25	W51-127-9289A9A	201-5279-001
	AT&T735A	25	W51-127-9049A9A	201-5235-001
	CT1320/ST212	25	W51-127-9369A9A	201-5212-001
	RG59B/U	25	W51-127-9789A9A	201-5209-001
	2.5C-2V	25	W51-127-9039A9A	201-5225-001
	Saturn	25	W51-127-9119A9A	201-5231-001

Straight Latching Socket Crimp Socket 43/FS	Cable	Pack	Model	Stock Code
	BT2002	25	051-124-977991A	201-6002-001
	BT2003	25	051-124-978991A	201-6003-001
	BT3002	25	051-124-979991A	201-6005-001
	RG179	25	051-124-983991A	201-6004-001
	RA7000	25	051-124-960991A	201-6007-001
	2.5C-2V	25	051-124-950991A	201-6205-001
	CT1320/ST212	25	051-124-943991A	201-6012-001



Straight Latching Socket QT Socket 43/FQT	Cable	Pack	Model	Stock Code
	BT2003	25	W51-124-953991A	201-6203-001
	BT3002	25	W51-124-963991A	201-6205-001
	RA7000	25	W51-124-960991A	201-6207-001
	RA8000	25	W51-124-947991A	201-6208-001
	NCX	25	W51-124-944991A	201-6279-001
	AT&T735A	25	W51-124-996991A	201-6235-001
	CT1320/ST212	25	W51-124-943991A	201-6212-001
	RG59B/U	25	W51-124-966991A	201-6209-001
	2.5C-2V	25	W51-124-950991A	201-6225-001
	Saturn	25	W51-124-999991A	201-6231-001

Right Angled Latching Socket Socket 43/C	Cable	Pack	Model	Stock Code
	BT2002	25	051-128-922991A	201-6502-001
	BT2003	25	051-128-923991A	201-6503-001
	RG179	25	051-128-924991A	201-6504-001
	BT3002	25	051-128-933991A	201-6505-001
	RA7000	25	051-128-947991A	201-6507-001
	RG59B/U	25	051-128-941991A	201-6509-001
	AT&T735A	25	051-128-935991A	201-6535-001

U Link 13A without monitor port	U Link 13A with monitor port	Type	Pack	Model	Stock Code
		without monitor	10	055-181-9079AZ0	201-7000-001
		with monitor	10	055-181-9119AZ0	201-7100-001

DDF Crimp Plug Plug 43/GTIS	Cable	Pack	Model	Stock Code
	BT2001	20	R214 313 742	201-5001-019
	BT2002	20	R214 313 762	201-5002-019
	BT2003	20	R214 313 782	201-5003-019
	RG179	20	R214 313 702	201-5004-019
	BT3002	20	R214 313 722	201-5005-019
	BT5000	20	R214 313 992	201-5006-019
	RA8000	20	R214 313 706	201-5008-019

Straight Crimp Socket Socket 43/FS	Cable	Pack	Model	Stock Code
	BT2001	20	R214 083 942	201-6001-019
	BT2002	20	R214 083 962	201-6002-019
	BT2003	20	R214 083 982	201-6003-019
	RG179	20	R214 083 902	201-6004-019
	BT3002	20	R214 083 922	201-6005-019
	BT5000	20	R214 083 992	201-6006-019
	RA8000	20	R214 083 906	201-6008-019

Right-Angled Solder Socket Plug 43/C	Cable	Pack	Model	Stock Code
	BT2001	20	R214 182 942	201-6501-019
	BT2002	20	R214 182 962	201-6502-019
	BT2003	20	R214 182 982	201-6503-019
	RG179	20	R214 182 902	201-6504-019
	BT3002	20	R214 182 922	201-6505-019
	BT5000	20	R214 182 992	201-6506-019
	RA8000	20	R214 182 906	201-6508-019

U Link 13A without monitor port	U Link 13A with monitor port	Type	Pack	Model	Stock Code
		without monitor	1	R214 790 700	201-7000-019
		without monitor	10	R214 790 701	201-7000-019
		without monitor	50	R214 790 703	201-7000-019
		with monitor	1	R214 791 700	201-7100-019
		with monitor	10	R214 791 701	201-7100-019
		with monitor	50	R214 791 703	201-7100-019

DDF Plug Crimp Plug 43/GTIS	Cable	Pack	Model	Stock Code
	BT2001	25	310-831-TNG BT2001	201-5001-002
	BT2002	25	310-831-TNG BT2002	201-5002-002
	BT2003	25	310-831-TNG BT2003	201-5003-002
	RG179	25	310-831-TNG RG179	201-5004-002
	BT3002	25	310-831-TNG BT3002	201-5005-002
	RA7000	25	310-831-TNG RA7000	201-5007-002
	RA8000	25	310-831-TNG RA8000	201-5008-002
	CT1320/ST212	25	310-831-TNG CT1320	201-5012-002

Straight Latching Socket Crimp Socket 43/FS	Cable	Pack	Model	Stock Code
	BT2001	25	310-821-TNG BT2001	201-6001-002
	BT2002	25	310-821-TNG BT2002	201-6002-002
	BT2003	25	310-821-TNG BT2003	201-6003-002
	RG179	25	310-821-TNG RG179	201-6004-002
	BT3002	25	310-821-TNG BT3002	201-6005-002
	RA8000	25	310-821-TNG RA8000	201-6008-002

Straight Latching Socket Crimp (2100 series) Socket 43/FS	Cable	Pack	Model	Stock Code
	RG179	25	310-824-TNG RG179	201-6001-002
	BT3002	25	310-824-TNG BT3002	201-6002-002
	RA7000	25	310-824-TNG RA7000	201-6003-002
	RA8000	25	310-824-TNG RA8000	201-6004-002
	Huawei Mini	25	310-824-TNG Huawei Mini	201-6005-002

Right-Angled Latching Socket Socket 43/C	Cable	Pack	Model	Stock Code
	BT2001	25	310-651-TNG BT2001	201-6501-002
	BT2002	25	310-651-TNG BT2002	201-6502-002
	BT2003	25	310-651-TNG BT2003	201-6503-002
	RG179	25	310-651-TNG RG179	201-6504-002
	BT3002	25	310-651-TNG BT3002	201-6505-002
	RA8000	25	310-651-TNG RA8000	201-6508-002

U Link 13A without monitor port	U Link 13A with monitor port	Type	Pack	Model	Stock Code
		without monitor	10	310-940-TNG	201-7000-002
		with monltor	10	310-941-TNG 30dB	201-7100-002

Tester 430A	Speed	Stock Code
	2/8mb	201-630A-037

Tester 430B	Speed	Stock Code
	2/155mb	201-630B-037



DDF Crimp Plug HDC43/GTIS	Cable	Pack	Model	Stock Code
	BT2002	25	051-127-9849A9A	202-5002-001
	BT2003	25	051-127-9859A9A	202-5003-001
	RG179	25	051-127-9879A9A	202-5004-001
	BT3002	25	051-127-9869A9A	202-5004-001
	RA7000	25	051-127-9609A9A	202-5007-001
	RD179	25	051-127-9499A9A	202-5011-001

DDF Plug QT HDC43/GTIQT	Cable	Pack	Model	Stock Code
	BT2002	25	W51-127-9929A9A	202-5203-001
	BT3002	25	W51-127-9909A9A	202-5205-001
	RA7000	25	W51-127-9609A9A	202-5207-001
	RA8000	25	W51-127-9069A9A	202-5208-001
	NCX	25	W51-127-9019A9A	202-5279-001
	AT&T735A	25	W51-127-9029A9A	202-5235-001
	CT1320/ST212	25	W51-127-9379A9A	202-5212-001
	Saturn	25	W51-127-9109A9A	202-5231-001
	0.25/1.45/2.6	25	W51-127-9139A9A	202-5226-001

Straight Latching Socket Crimp HDC43/FS	Cable	Pack	Model	Stock Code
	RG179	25	051-124-984991A	202-6004-001
	BT3002	25	051-124-937991A	202-6005-001
	RA7000	25	051-124-929991A	202-6007-001

Straight Latching Socket QT HDC43/FQT	Cable	Pack	Model	Stock Code
	BT3002	25	W51-124-937991A	202-6205-001
	RA7000	25	W51-124-929991A	202-6207-001
	RA8000	25	W51-124-945991A	202-6208-001

U Link 10A without monitor port	U Link 10A with monitor port	Type	Pack	Model	Stock Code
		without monitor	10	055-181-9129AZ0	202-7000-001
		with monitor	10	055-181-9139AZ0	202-7100-001

HDC43 DDF Crimp Plug Plug HDC43/GTIS	Cable	Pack	Model	Stock Code
	BT2001	20	R214 318 742	202-5001-019
	BT2002	20	R214 318 762	202-5002-019
	RA2003	20	R214 318 782	202-5003-019
	RG179	20	R214 318 702	202-5004-019
	BT3002	20	R214 318 722	202-5005-019
	RA8000	20	R214 318 732	202-5008-019

HDC43 Crimp Socket Socket HDC43/FS	Cable	Pack	Model	Stock Code
	BT2001	20	R214 088 942	202-6001-019
	BT2002	20	R214 088 962	202-6002-019
	RA2003	20	R214 088 982	202-6003-019
	RG179	20	R214 088 902	202-6004-019
	BT3002	20	R214 088 922	202-6005-019
	RA8000	20	R214 088 932	202-6008-019

U Link 10A without monitor port	U Link 10A with monitor port	Type	Pack	Model	Stock Code
		without monitor	10	R214 797 700	202-7000-019
		without monitor	50	R214 797 703	202-7000-019
		with monitor	10	R214 798 700	202-7100-019
		with monitor	50	R214 798 703	202-7100-019

DDF Plug Crimp HDC43/GTIS	Cable	Pack	Model	Stock Code
	BT2001	25	310-832-TNG BT2001	202-5001-002
	BT2002	25	310-832-TNG BT2002	202-5002-002
	BT2003	25	310-832-TNG BT2003	202-5003-002
	RG179	25	310-832-TNG RG179	202-5004-002
	BT3002	25	310-832-TNG BT3002	202-5005-002
	RA7000	25	310-832-TNG RA7000	202-5007-002
	RA8000	25	310-832-TNG RA8000	202-5008-002
	CT1320/ST212	25	310-832-TNG CT1320	202-5012-002
	Huawei Mini	25	310-832-TNG Huawei Mini	202-5050-002

Straight Latching Socket Crimp (2100 series)	Cable	Pack	Model	Stock Code
	BT2001	25	310-825-TNG BT2001	202-6601-002
	BT2002	25	310-825-TNG BT2002	202-6602-002
	BT2003	25	310-825-TNG BT2003	202-6603-002
	RG179	25	310-825-TNG RG179	202-6604-002
	BT3002	25	310-825-TNG BT3002	202-6605-002
	RA8000	25	310-825-TNG RA8000	202-6608-002
	Flex 3/75 25	25	310-825-TNG Flex 3/75	202-6643-002
	Huawei Mini	25	310-825-TNG Huawei Mini	202-6650-002

U Link 10A without monitor port	U Link 10A with monitor port	Type	Pack	Model	Stock Code
		without monitor	10	310-950-TNG	202-7000-002
		with monotor	10	310-959-TNG	202-7100-002

UHDC43 DDF Crimp Plug Plug UHDC43/GTIS	Cable	Pack	Model	Stock Code
	BT2001	25	310-833-TNG BT2001	203-5001-002
	BT2002	25	310-833-TNG BT2002	203-5002-002
	BT2003	25	310-833-TNG BT2003	203-5003-002
	RG179	25	310-833-TNG RG179	203-5004-002
	BT3002	25	310-833-TNG BT3002	203-5005-002
	RA7000	25	310-833-TNG RA7000	203-5007-002
	RA8000	25	310-833-TNG RA8000	203-5008-002
	CT1320/ST212	25	310-833-TNG CT1320	203-5012-002

UHDC43 Crimp Socket Socket UHDC43/FS	Cable	Pack	Model	Stock Code
	RG179	25	310-823-TNG RG179	203-6004-002
	BT3002	25	310-823-TNG BT3002	203-6005-002
	CT1320/ST212	25	310-823-TNG CT1320	203-6012-002

U Link 9A without monitor port	U Link 9A with monitor port	Type	Pack	Model	Stock Code
		without monitor	10	310-960-TNG	203-7000-002
		with monitor	10	310-961-TNG	203-7100-002

UHDC43 DDF Crimp Plug Plug UHDC43/GTIS	Cable	Pack	Model	Stock Code
	RG179	20	R214.320.702	203-5004-019
	BT3002	20	R214.320.722	203-5005-019
	RA8000	20	R214.320.706	203-5008-019
	CT1320	20	R214.320.792	203-5012-019

UHDC43 Crimp Socket Socket UHDC43/FS	Cable	Pack	Model	Stock Code
	BT3002	20	R214.089.922	203-6005-019
	CT1320	20	R214.089.992	203-6012-019

U Link 9A without monitor port	U Link 9A with monitor port	Type	Pack	Model	Stock Code
		without monitor	10	R214.797.721	203-7000-019
		without monitor	50	R214.797.723	203-7000-019
		with monitor	10	R214.798.721	203-7100-019
		with monitor	50	R214.798.723	203-7100-019

Straight Crimp Plug	Cable	Model	Stock Code
	2.5C-2V	BSD.55.819	205-1025-004
	3C-2V	BSD.55.805	205-1032-004
	BT3002	BSD.55.806	205-1005-004
	Flex 2/75	BSD.55.807	205-1042-004
	Flex 3.9/75	BSD.55.820	205-1019-004
	Flex 5/75	BSD.55.809	205-1045-004
	L910/39	BSD.55.810	205-1039-004
	RA7000, ST121	BSD.55.811	205-1007-004
	RG59B/U	BSD.55.812	205-1009-004
	ST779	BSD.55.814	205-1079-004
	TZC 750 05	BSD.55.826	205-1075-004
	ST212	BSD.55.802	205-1012-004
	02Y(ST)CY 0.45/2.0-75	BSD.55.808	205-1017-004

 Straight Crimp Bulkhead Jack	Cable	Model	Stock Code
	3C-2V	BPD.63.505	205-2532-004
	BT3002	BPD.63.506	205-2505-004
	Flex 2/75	BPD.63.507	205-2542-004
	Flex 3.9/75	BPD.63.519	205-2519-004
	Flex 5/75	BPD.63.509	205-2545-004
	L910/39	BPD.63.510	205-2539-004
	RG179, RA8000	BPD.63.501	205-2504-004
	RG59B/U	BPD.63.512	205-2509-004
	ST212	BPD.63.502	205-2512-004
	ST214	BPD.63.503	205-2514-004
	ST779	BPD.63.515	205-2579-004

Right Angled Solder Plug	Cable	Model	Stock Code
	2.5C-2V	BSD.55.819	205-1025-004
	3C-2V	BSD.55.805	205-1032-004
	BT3002	BSD.55.806	205-1005-004
	Flex 2/75	BSD.55.807	205-1042-004
	Flex 3.9/75	BSD.55.820	205-1019-004
	Flex 5/75	BSD.55.809	205-1045-004
	L910/39	BSD.55.810	205-1039-004
	RA7000, ST121	BSD.55.811	205-1007-004
	RG179, RA8000	BSD.55.801	205-1004-004
	RG59B/U	BSD.55.812	205-1009-004
	ST779	BSD.55.814	205-1079-004
	TZC 750 05	BSD.55.826	205-1075-004
	ST212	BSD.55.802	205-1012-004
	02Y(ST)CY 0.45/2.0-75	BSD.55.808	205-1017-004



Right Angled Solder Bulkhead Jack	Cable	Model	Stock Code
	3C-2V	BPG.51.707	205-3632-004
	BT2003	BPG.51.715	205-3603-004
	BT3002	BPG.51.713	205-3605-004
	Flex 3/75	BPG.51.712	205-3643-004
	Flex 5/75	BPG.51.701	205-3645-004
	Flex 6/75	BPG.51.711	205-3646-004
	L910/39	BPG.51.706	205-3639-004
	RA7000, ST121	BPG.51.716	205-3607-004
	RG179, Flex 2/75	BPG.51.702	205-3604-004
	RG59B/U, ST214	BPG.51.705	205-3609-004
	ST212	BPG.51.704	205-3612-004
	ST779	BPG.51.720	205-3679-004



Straight Crimp Plug	Cable	Model	Stock Code
	BT2003	D55-F24-3033GDA	205-1003-001
	RG179/RA8000	D55-F24-3079GDA	205-1004-001
	BT3002	D55-F24-3035GDA	205-1005-001
	BT5000	D55-F24-3036GDA	205-1006-001
	RA7000	D55-F24-3037GDA	205-1007-001
	RA8000	D55-F24-3038GDA	205-1008-001
	ST212	D55-F24-3022GDA	205-1012-001
	ST214	D55-F24-3024GDA	205-1014-001
	2.5C-2V	D55-F24-3043GDA	205-1025-001
	B 0.25/1.45	D55-F24-3053GDA	205-1026-001
	3C-2V	D55-F24-3045GDA	205-1032-001
	AT&T734A	D55-F24-3049GDA	205-1034-001
	AT&T735A	D55-F24-3050GDA	205-1035-001
	L910	D55-F24-3095GDA	205-1039-001
	0.4/2.42/4.07	D55-F24-3052GDA	205-1040-001
	Flex 2	D55-F24-3090GDA	205-1042-001
	Flex 3	D55-F24-3091GDA	205-1043-001
	Flex 5	D55-F24-3092GDA	205-1045-001
	TZC75005	D55-F24-3051GDA	205-1075-001

Type 54 Straight Plug BT Style 1.0/2.3	Cable	BT Ref.	Model	Stock Code
	BT2003	(54/3B)	D55-F24-3133GDA	205-6003-001
	BT3002	(54/5B)	D55-F24-3135GDA	205-6005-001
	BT5000	(54/6B)	D55-F24-3136GDA	205-6006-001
	RA7000	(54/7B)	D55-F24-3137GDA	205-6007-001
	RA8000	(54/8B)	D55-F24-3138GDA	205-6008-001

Type 54 Right-Angled Plug BT Style 1.0/2.3	Cable	BT Ref.	Model	Stock Code
	BT2003	(54/3A)	D55-F28-3233A9A	205-6503-001
	BT3002	(54/5A)	D55-F28-3235A9A	205-6505-001
	BT5000	(54/6A)	D55-F28-3236A9A	205-6506-001
	RA7000	(54/7A)	D55-F28-3237A9A	205-6507-001
	RA8000	(54/8A)	D55-F28-3238A9A	205-6508-001

**Straight Crimp Bulkhead Jack**

Cable	Model	Stock Code
BT2003	D55-F27-3033GEA	205-2503-001
RG179	D55-F27-3079GEA	205-2504-001
BT3002	D55-F27-3035GEA	205-2505-001
RA7000	D55-F27-3037GEA	205-2507-001
RA8000	D55-F27-3038GEA	205-2508-001
ST212	D55-F27-3022GEA	205-2512-001
ST214	D55-F27-3024GEA	
BT5000	D55-F27-3036GEA	
TZC75005	D55-F27-3051GEA	
0.4/2.4	D55-F27-3052GEA	
B 0.25/1.45	D55-F27-3053GEA	
HFE2290	D55-F27-3054GEA	
Flex 2	D55-F27-3090GEA	
Flex 3	D55-F27-3091GEA	
Flex 5	D55-F27-3092GEA	
Flex 7	D55-F27-3094GEA	
LA 910	D55-F27-3095GEA	
2.5C - 2V	D55-F27-3043GEA	
3C - 2V	D55-F27-3045GEA	
3C - 2W	D55-F27-3046GEA	

Right Angle Plug

Cable	Model
ST212	D55-F28-3122A9A
ST214	D55-F28-3124A9A
BT2003	D55-F28-3133A9A
BT3002 - TZC75024	D55-F28-3135A9A
BT5000	D55-F28-3136A9A
RA7000	D55-F28-3137A9A
RG179	D55-F28-3179A9A

Right Angle B/H Jack

Cable	Model
BT3002	D51-F30-3035GBA
ST212	D51-F30-3022GBA
ST214	D51-F30-3024GBA
RG179 B/U	D51-F30-3069GBA
RG59	D51-F30-3059GBA
Flex 2	D51-F30-3090GBA
Flex 3	D51-F30-3091GBA

Adaptors

Description	Model	Stock Code
1.0/2.3 P/P Adaptor	D55-F73-0000A9A	205-8100-001
1.0/2.3 B/H J/J Adaptor	D55-F77-0000A9A	205-8500-001
1.0/2.3 B/H P/J Adaptor	D55-F74-0000A9A	205-8600-001

Between Series Adaptors

Description	Model	Stock Code
1.0/2.3 Plug to 1.6/5.6 Plug	D55-F73-6000A9A	
1.0/2.3 Plug to 1.6/5.6 Jack	D55-F74-6000A9A	
1.0/2.3 Jack to 1.6/5.6 Plug	D55-F74-6010A9A	
1.0/2.3 Jack to 1.6/5.6 Jack	D55-F72-6000A9A	
1.0/2.3 Plug to BNC Jack	D55-F74-6002A9A	
1.0/2.3 Jack to BNC Plug	D55-F74-6012A9A	290-5020-001
1.0/2.3 Jack to BNC Jack	D55-F72-6002A9A	290-5025-001

Straight Crimp Plug	Cable	Model	Stock Code
	BT2002	ASD.61.804	206-1002-004
	BT2003	ASD.61.817	206-1003-004
	RG179/RA8000	ASD.61.805	206-1004-004
	BT3002	ASD.61.803	206-1005-004
	RA7000	ASD.61.819	206-1007-004
	L910/39	ASD.61.811	206-1039-004
	RG59	ASD.61.810	206-1009-004
	ST212	ASD.61.801	206-1012-004
	ST214	ASD.61.802	206-1014-004
	Flex 3	ASD.61.806	206-1043-004
	Flex 5	ASD.61.807	206-1045-004
	Flex 6	ASD.61.808	206-1046-004
	ST779/NCX	ASD.61.816	206-1079-004
	2.5C-2V	ASD.61.823	206-1025-004

Right-Angled Crimp Plug	Cable	Model	Stock Code
	BT2002	ASG.62.818	206-1602-004
	BT2003	ASG.62.814	206-1603-004
	RG179/RA8000	ASG.62.808	206-1604-004
	RD179	ASG.62.824	206-1611-004
	BT3002	ASG.62.819	206-1605-004
	RG59, Flex 6	ASG.62.806	206-1609-004
	L910/39	ASS.62.817	206-1639-004
	Flex 3	ASG.62.813	206-1643-004
	ST212	ASG.62.802	206-1612-004
	ST214	ASG.62.803	206-1614-004
	Flex 2	ASG.62.805	206-1642-004
	Flex 5	ASG.62.810	206-1645-004
	2.5C-2V	ASG.62.811	206-1625-004
	3C-2V	ASG.62.821	206-1632-004

Straight Bulkhead Jack	Cable	Model	Stock Code
	BT2003	APD.60.817	206-2503-004
	RG179/RA8000	APD.60.805	206-2504-004
	BT3002	APD.60.803	206-2505-004
	L910/39	APD.60.810	206-2539-004
	NCX/ST779	APD.60.820	206-2579-004
	BT2002	APD.60.804	206-2502-004
	Flex 3	APD.60.806	206-2543-004
	Flex 5	APD.60.807	206-2545-004
	Flex 6	APD.60.808	206-2546-004
	RG59	APD.60.811	206-2509-004
	RA7000	APD.60.816	206-2507-004
	RD179	APD.60.822	206-2511-004



Right-Angled Bulkhead Jack	Cable	Model	Stock Code
	BT2003	APG.60.814	206-3603-004
	RG179/RA8000	APG.60.808	206-3604-004
	ST212	APG.60.802	206-3612-004
	ST214	APG.60.803	206-3614-004
	RG59B/U, Flex 6	APG.60.806	206-3609-004
	Flex 5	APG.60.817	206-3645-004
	2.5C-2V	APG.60.818	206-3625-004
	BT2002	APG.60.819	206-3602-004
	BT3002	APG.60.820	206-3605-004
	3C-2V	APG.60.822	206-3632-004
	ST779/NCX	APG.60.825	206-3679-004
	RD179	APG.60.828	206-3611-004

Bulkhead Adaptor Jack/Jack	Cable	Model	Stock Code
	-	ATR.06.005	206-8500-004

U Link 13A without monitor port	U Link 13A with monitor port	Type	Spacing	Model	Stock Code
		without monitor	15mm	ASP.01.801	206-8115-004
		without monitor	20mm	ASP.01.802	206-8120-004
		with monitor	15mm	ASP.04.801	206-8815-004
		with monitor	20mm	ASP.04.802	206-8820-004

**1.6/5.6**

The Cannon range of 1.6/5.6 connectors are suitable for use in 75 ohm communication systems and have become the recognized standard in telecommunications in many parts of the world.

Designed around the requirements of DIN 47295, CECC 22240 and IEC 169-13, these connectors are designed for field installation and feature threaded couplings to ensure mating integrity and a snap-on interface for ease of connection.

1.6/5.6 Straight Crimp Plug	Cable	Pack	Model	Stock Code
	BT2003	25	D50-A24-3033GDA	206-1003-001
	BT3002	25	D50-A24-3035GDA	206-1003-001
	RA7000	25	D50-A24-3037GDA	206-1007-001

1.6/5.6 Right-Angle Plug	Cable	Pack	Model	Stock Code
	BT2003	25	D50-A28-3133GKA	206-1603-001
	BT3002	25	D50-A28-3135GKA	206-1605-001
	RA7000	25	D50-A28-3137GKA	206-1607-001

1.6/5.6 Straight Bulkhead Jack	Cable	Pack	Model	Stock Code
	BT2003	25	D50-A27-3033GEA	206-2503-001
	BT3002	25	D50-A27-3035GEA	206-2505-001
	RA7000	25	D50-A27-3037GEA	206-2507-001

1.6/5.6 Right-Angled Bulkhead Jack	Cable	Pack	Model	Stock Code
	BT2003	25	D50-A30-3233GBA	206-3603-001
	BT3002	25	D50-A30-3235GBA	206-3605-001
	RA7000	25	D50-A30-3237GBA	206-3607-001

SMB Straight Plug (Indent crimp)	Cable	Brand	Stock Code
	BT3002	Interface Components	215-1005-002
	RG179	Interface Components	215-1004-002
	Flex 3/75	Interface Components	215-1043-002

SMB Straight Plug (Square crimp)	Cable	Brand	Stock Code
	BT3002	CM Coax	215-1305-004
	ST212/CT1320	CM Coax	215-1312-004
	Flex 3/75	CM Coax	215-1343-004

SMB Straight Plug (Solder)	Cable	Brand	Stock Code
	BT3002	Srinar	215-1105-021

SMB R/A Plug (Solder)	Cable	Brand	Stock Code
	BT3002	Interface Components	215-1605-002
	RG179	Interface Components	215-1604-002

SMB R/A Plug (Solder)	Cable	Brand	Stock Code
	BT3002	CM Coax	215-1605-004

SMB 75 ohm Straight Plug	Cable	Stock Code
	SYV-75-2-2	216-10S2-070
	RG179	216-1004-070

SMB 75 ohm Straight Jack	Cable	Stock Code
	SYV-75-2-2	216-20S2-070
	RG179	216-2004-070

SSMZ Plug BT3002	Cable	Brand	Stock Code
	BT3002	Interface Components	216-1005-002
	RA7000	Interface Components	216-1007-002
	Huawei Mini Coax (2.2mm)	Interface Components	216-1050-002
	Huawei Micro Coax (1.6mm)	Interface Components	216-1051-002



Crimp Plug	Cable	Brand	Stock Code
	BT2002	Interface Components	210-1002-002
	BT2003	Amphenol	210-1003-003
	RG179	Interface Components	210-1004-002
	RG179/RA8000	Amphenol	210-1004-003
	BT3002	Interface Components	210-1005-002
	BT3002	Amphenol	210-1005-003
	RA7000	Amphenol	210-1007-003
	RA8000	Interface Components	210-1008-002
	RG59	Interface Components	210-1009-002
	RG59	Amphenol	210-1009-003
	CT100/RG6	Interface Components	210-1010-002
	ST212/CT1320	Amphenol	210-1012-003
	ST214	CM Coax	210-1014-004
	2.5C-2V	Amphenol	210-1025-003
	0.25/1.45/2.6 (CPRD)	Interface Components	210-1026-002
	Saturn	Interface Components	210-1031-002
	AT&T735A/Flex 3/75	Interface Components	210-1035-002
	Flex 3/75	Amphenol	210-1043-003
	Flex 3/75	CM Coax	210-1043-004
	Huawei Mini Coax	Interface Components	210-1050-002
	Huawei Micro Coax	Interface Components	210-1051-002
	CT125	Interface Components	210-1065-002
	CT125RBS	Interface Components	210-1065R-002
	RG58	Interface Components	211-1058-002
	RG174, 188A, 316	Interface Components	211-1074-002

Crimp Plug	Cable	Brand	Stock Code
	Belden 1505F, 59U Quad	Coax Connectors	210-1002-002
	Belden 1855ENH, Draka 0.6/2.8AF	Coax Connectors	210-1003-003
	Belden 1505A, Draka 0.8/3.7AF	Coax Connectors	210-1004-002
	Belden 1694A, Draka 1.0/4.8AF	Coax Connectors	210-1004-003
	Belden 7731A, Draka 1.6/7.3AF	Coax Connectors	210-1005-002
These True 75ohm High Definition (3G) BNC's have been developed to meet the ever increasing frequencies and data rates used in Broadcast (surpassing SMPTE 292M & 424M/HD-SDI specifications), Telecoms and HDcctv. Annealed for easy crimping.			

QT Plug	Cable	Brand	Stock Code
	BT3002	ITT	210-1205-001
	RG59B/U	ITT	210-1209-001
	AT&T 734A	ITT	210-1234-001
	AT&T 735A	ITT	210-1235-001

Crimp Jack	Cable	Brand	Stock Code
	RG179, 187A	Interface Components	210-2004-002
	BT3002	Amphenol	210-2005-003
	RG59	Interface Components	210-2009-002
	RG58, 141A	Interface Components	211-2058-002
	RG174, 188A, 316	Interface Components	211-2074-002

B/H Jack	Cable	Brand	Stock Code
	BT2003	Amphenol	210-2503-003
	RG179/RA8000	Amphenol	210-2504-003
	BT3002	Amphenol	210-2505-003
	RA7000	Amphenol	210-2507-003
	RA8000/Flex 2	Interface Components	210-2508-002
	RG59	Interface Components	210-2509-002
	0.25/1.45/2.6 - Flex 2	CM Coax	210-2526-004
	Saturn	Amphenol	210-2531-003
	RG58	Interface Components	211-2558-002
	RG174	Interface Components	211-2574-002

J/J Adaptor	Impedance	Brand	Stock Code
	75 ohm	Amphenol	210-8000-003
	50 ohm	Amphenol	211-8000-003

Bulkhead J/J Adaptor	Impedance	Brand	Stock Code
	75 ohm	Amphenol	210-8500-003
	50 ohm	Amphenol	211-8500-003

Bulkhead J/J Adaptor Insulated	Impedance	Brand	Stock Code
	75 ohm	Amphenol	210-8550-003
	50 ohm	Amphenol	211-8550-003

P/P Adaptor	Impedance	Brand	Stock Code
	75 ohm	Amphenol	210-8100-003
	50 ohm	Amphenol	211-8100-003

T Adaptor J/J/J	Impedance	Brand	Stock Code
	75 ohm	Amphenol	210-8200-003
	50 ohm	Amphenol	211-8200-003

T Adaptor J/P/J	Impedance	Brand	Stock Code
	75 ohm	Amphenol	210-8300-003
	50 ohm	Amphenol	211-8300-003

T Adaptor J/J/P	Impedance	Brand	Stock Code
	75 ohm	Amphenol	210-8250-003

R/A Adaptor J/P	Impedance	Brand	Stock Code
	75 ohm	Amphenol	210-8400-003
	50 ohm	Interface Components	211-8400-003

BNC Terminator	Impedance	Brand	Stock Code
	75 ohm	Amphenol	210-5000-003
	50 ohm	Amphenol	211-5000-003

M4 Male Crimp	Cable	Model	Stock Code
	BT3002/TZC75024	RPT 148 102/2	225-1005-030
	TZC75005	RPT 148 101/2	225-1075-030
	RA8000/TZC7522201	RPT 148 104/2	225-1008-030

M4 Male Crimp	Cable	Model	Stock Code
	BT3002/TZC75024	RPT 148 102/2	225-1005-021
	RA8000/TZC7522201	RPT 148 104/2	225-1008-021
	ST212/CT1302	-	225-1012-021

M4 Male Solder	Cable	Model	Stock Code
	BT3002/TZC75024/ TZC75024	RPT 148 02/2	225-1105-030

M4 Female Crimp	Cable	Model	Stock Code
	BT3002/TZC75024	RNT 148 102/2	225-2005-030
	TZC75005	RPT 148 101/2	225-2075-030
	RA8000/TZC7522201	RNT 148 104/2	225-2008-030

M4 Female Solder	Cable	Model	Stock Code
	BT3002/TZC75024/ TZC75024	RNT 148 02/2	225-2105-030

U Link without monitor port	U Link with monitor port	Type	Model	Stock Code
		without monitor	RPT 167 01/9	225-7050-030
		with monitor	RPT 167 01	225-7150-030

U Link without monitor port	U Link with monitor port	Type	Model	Stock Code
		without monitor	RNT 208 01	225-7000-030
		with monitor	RNT 208 02	225-7100-030

M4 Plug Tester	
	
Model	Stock Code
RNT 208 02	225-100A-030

U Link	
	
Model	Stock Code
RPT 162 02	225-7060-069

Hand tool kit for M4 connectors RNT 148 and RPT 148	
	Contents -M22520/5-01 (HX4) - 1pc hand tool for braid crimping -Y1601 - 1pc crimp die for braid crimping -M22520/2-01 (AFM8) - 1pc hand tool for inner conductor crimping -K970 - 1pc crimp positioner for M4 male inner conductor -K998-1 - 1pc crimp positioner for M4 female inner conductor -1pc mounting tool for hand tool for braid crimping -1pc cable stripper -1pc calibrating tool
	Stock Code 901-M4ToolKit

UHF Crimp/Crimp Plug	Cable	Stock Code
	RG58	255-1058-002
	RG59	255-1059-002

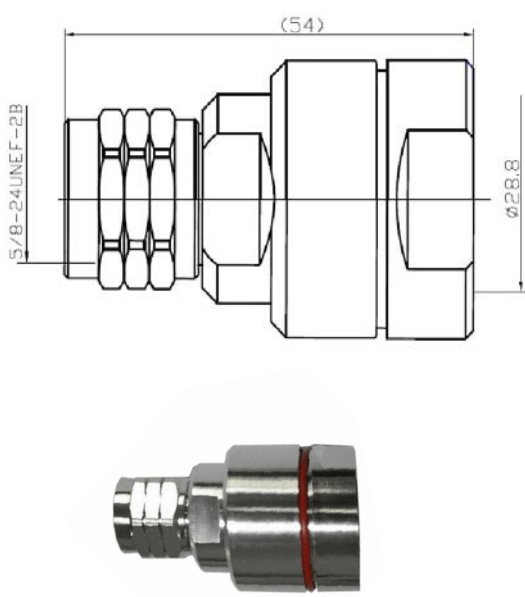
UHF Solder/Clamp Plug	Cable	Stock Code
	RG58	255-1158-002
	RG59	255-1159-002
	RG213 (PL-259)	255-1123-002
	RG214	255-1124-002

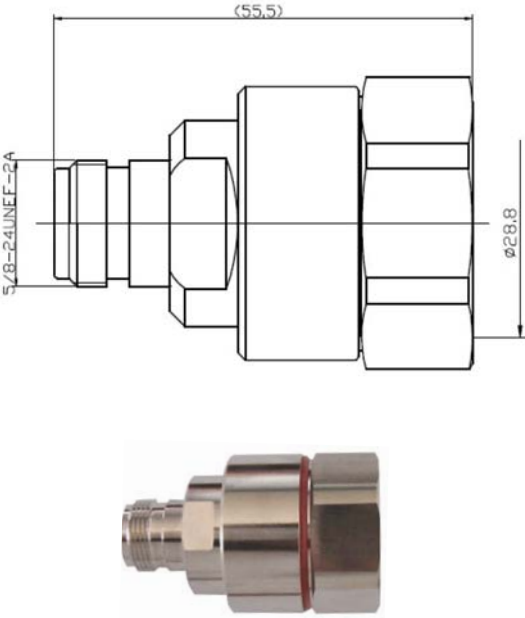
UHF J/J Adaptor	Cable	Stock Code
	-	255-8000-002

UHF Bulkhead J/J Adaptor	Cable	Stock Code
	-	255-8500-002

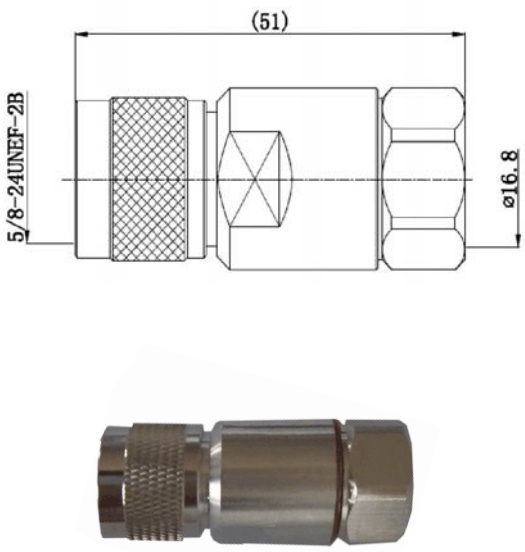
UHF J/P/J T-Adaptor	Cable	Stock Code
	-	255-8300-002

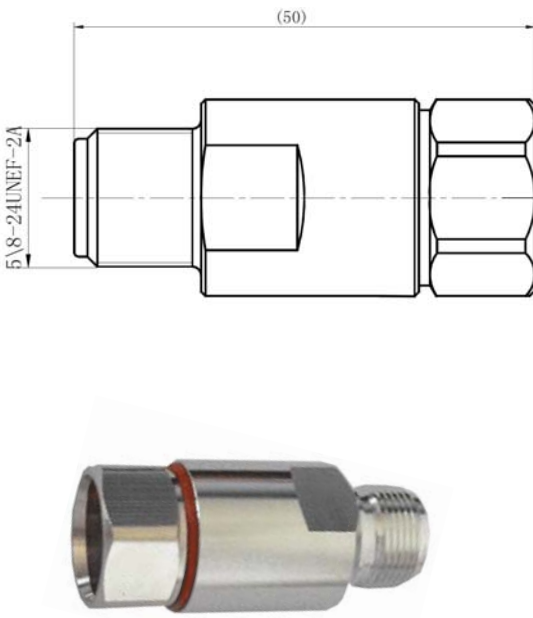


N Type Straight Plug For 7/8" Cable		Stock Code	220-N-J78
		Electrical	
		Characteristic Impedance	50 ohm
		Frequency Range	DC-3GHz
		VSWR	≤1.10
		Dielectric Withstanding Voltage	≥2500V RMS,50Hz, sea level
		Dielectric Resistance	≥5000MΩ
		Contact Resistance Center Contact	≤1.0mΩ
		Contact Resistance Outer Contact	≤0.25mΩ
		Mechanical	
		Durability Mating cycles	≥500
		Material and Plating	
			MaterialPlating
		Body	BrassNi or Tri-alloy
		Insulator	PTFE-
		Centre Conductor	Brass/phosphor bronzeAu or Ag
		Enviromental	
		Temperature Range °C	-40 ~ +85

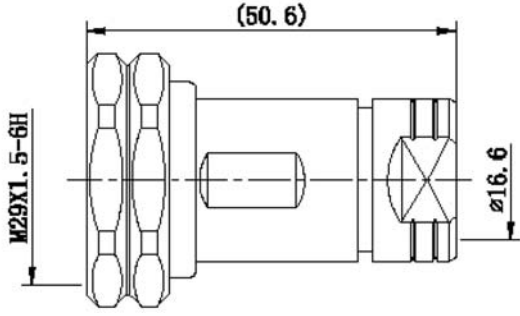
N Type Straight Jack For 7/8" Cable		Stock Code	220-N-K78-A
		Electrical	
		Characteristic Impedance	50 ohm
		Frequency Range	DC-3GHz
		VSWR	≤1.15
		Dielectric Withstanding Voltage	≥2500V RMS,50Hz, sea level
		Dielectric Resistance	≥5000MΩ
		Contact Resistance Center Contact	≤1.0mΩ
		Contact Resistance Outer Contact	≤0.25mΩ
		Mechanical	
		Durability Mating cycles	≥500
		Material and Plating	
			MaterialPlating
		Body	BrassNi or Tri-alloy
		Insulator	PTFE-
		Centre Conductor	Brass/phosphor bronzeAu or Ag
		Enviromental	
		Temperature Range °C	-40 ~ +85

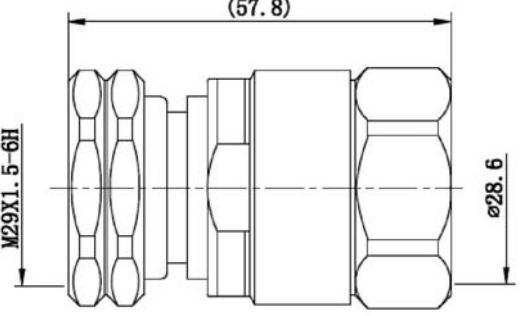


N Type Straight Plug For 1/2" Cable		Stock Code	220-N-J12-2A
		Electrical	
		Characteristic Impedance	50 ohm
		Frequency Range	DC-2.5GHz
		VSWR	≤1.10
		Dielectric Withstanding Voltage	≥1500V RMS,50Hz, sea level
		Dielectric Resistance	≥5000MΩ
		Contact Resistance Center Contact	≤1.0mΩ
		Contact Resistance Outer Contact	≤0.25mΩ
		PIM	≤-150dBc(2*20W)
		Mechanical	
		Durability Mating cycles	≥500
		Material and Plating	
			MaterialPlating
		Body	BrassNi or Tri-alloy
		Insulator	PTFE-
		Centre Conductor	Brass/phosphor bronzeAu or Ag
		Enviromental	
		Temperature Range °C	-40 ~ +85

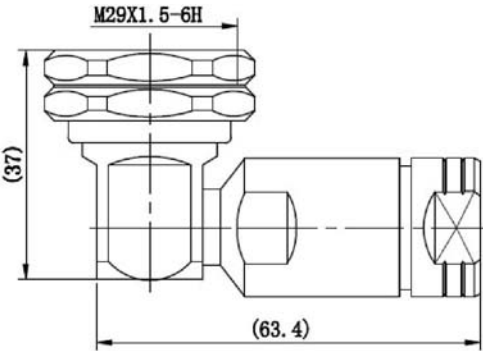
N Type Straight Jack For 1/2" Cable		Stock Code	220-N-K12
		Electrical	
		Characteristic Impedance	50 ohm
		Frequency Range	DC-3GHz
		VSWR	≤1.22
		Dielectric Withstanding Voltage	≥2500V RMS,50Hz, sea level
		Dielectric Resistance	≥5000MΩ
		Contact Resistance Center Contact	≤1.0mΩ
		Contact Resistance Outer Contact	≤1.0mΩ
		PIM	≤-150dBc(2*20W)
		Mechanical	
		Durability Mating cycles	≥500
		Material and Plating	
			MaterialPlating
		Body	BrassNi or Tri-alloy
		Insulator	PTFE-
		Centre Conductor	Brass/phosphor bronzeAg
		Enviromental	
		Temperature Range °C	-40 ~ +85

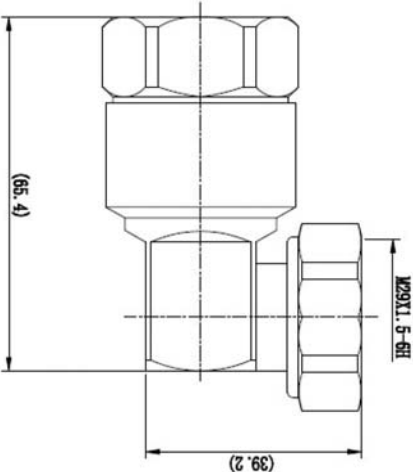


7/16 Straight Male for 1/2" Cable 	Stock Code		276-716M-12
	Electrical		
	Characteristic Impedance		50 ohm
	Frequency Range		DC-3GHz
	VSWR		≤1.10
	Dielectric Withstanding Voltage		≥40kV RMS,50Hz, sea level
	Dielectric Resistance		≥10000MΩ
	Contact Resistance Center Contact		≤0.4mΩ
	Contact Resistance Outer Contact		≤1.5mΩ
	PIM3		≤-155dBc(2*20W)
	Mechanical		
	Durability Mating cycles		≥500
	Material and Plating		
		Material	Plating
	Body	Brass	Tri-alloy
	Insulator	PTFE	-
	Centre Conductor	Brass	Ag
	Other	Brass	Ni
	Environmental		
	Temperature Range °C		-40 ~ +85

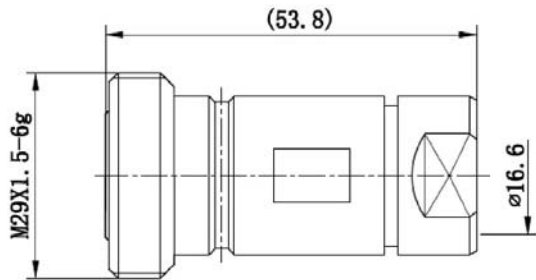
7/16 Straight Male for 7/8" Cable 	Stock Code		276-716M-78
	Electrical		
	Characteristic Impedance		50 ohm
	Frequency Range		DC-3GHz
	VSWR		≤1.10
	Dielectric Withstanding Voltage		≥40kV RMS,50Hz, sea level
	Dielectric Resistance		≥10000MΩ
	Contact Resistance Center Contact		≤0.4mΩ
	Contact Resistance Outer Contact		≤1.5mΩ
	PIM3		≤-155dBc(2*20W)
	Mechanical		
	Durability Mating cycles		≥500
	Material and Plating		
		Material	Plating
	Body	Brass	Tri-alloy
	Insulator	PTFE	-
	Centre Conductor	Brass	Ag
	Other	Brass	Ni
	Environmental		
	Temperature Range °C		-40 ~ +85

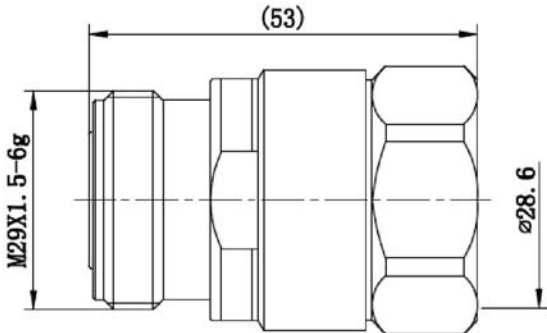


7/16 Right-Angled Plug for 1/2" Cable 	Stock Code	276-MW-12
	Electrical	
	Characteristic Impedance	50 ohm
	Frequency Range	DC-2.5GHz
	VSWR	≤1.10
	Dielectric Withstanding Voltage	≥40kV RMS,50Hz, sea level
	Dielectric Resistance	≥10000MΩ
	Contact Resistance Center Contact	≤0.4mΩ
	Contact Resistance Outer Contact	≤1.5mΩ
	PIM3	≤-155dBc(2*20W)
	Mechanical	
	Durability Mating cycles	≥500
	Material and Plating	
	Material	Plating
	Body	Brass
	Insulator	PTFE
	Centre Conductor	Brass/phosphor bronze
	Other	Brass
	Enviromental	
	Temperature Range °C	-40 ~ +85

7/16 Right-Angled Plug for 7/8" Cable 	Stock Code	276-JWA78-RC
	Electrical	
	Characteristic Impedance	50 ohm
	Frequency Range	DC-2.5GHz
	VSWR	≤1.20
	Dielectric Withstanding Voltage	≥40kV RMS,50Hz, sea level
	Dielectric Resistance	≥10000MΩ
	Contact Resistance Center Contact	≤0.4mΩ
	Contact Resistance Outer Contact	≤1.5mΩ
	PIM3	≤-150dBc(2*20W)
	Mechanical	
	Durability Mating cycles	≥500
	Material and Plating	
	Material	Plating
	Body	Brass
	Insulator	PTFE
	Centre Conductor	Brass
	Other	Brass
	Enviromental	
	Temperature Range °C	-40 ~ +85



7/16 Straight Female for 1/2" Cable		Stock Code	276-716F-12	
		Electrical		
		Characteristic Impedance		50 ohm
		Frequency Range		DC-3GHz
		VSWR		≤1.10
		Dielectric Withstanding Voltage		≥40kV RMS,50Hz, sea level
		Dielectric Resistance		≥10000MΩ
		Contact Resistance Center Contact		≤0.4mΩ
		Contact Resistance Outer Contact		≤1.5mΩ
		PIM3		≤-155dBc(2*20W)
		Mechanical		Durability Mating cycles		≥500
Material and Plating				
	Material	Plating		
Body	Brass	Tri-alloy		
Insulator	PTFE	-		
Centre Conductor	Brass	Ag		
Enviromental		Temperature Range °C		-40 ~ +85

7/16 Straight Female for 7/8" Cable		Stock Code	276-716F-78
		Electrical	
		Characteristic Impedance	50 ohm
		Frequency Range	DC-3GHz
		VSWR	≤1.10
		Dielectric Withstanding Voltage	≥40kV RMS,50Hz, sea level
		Dielectric Resistance	≥10000MΩ
		Contact Resistance Center Contact	≤0.4mΩ
		Contact Resistance Outer Contact	≤1.5mΩ
		PIM3	≤-155dBc(2*20W)
		Mechanical	
		Durability Mating cycles	≥500
Material and Plating			
	Material	Plating	
Body	Brass	Tri-alloy	
Insulator	PTFE	-	
Centre Conductor	Phosphor Bronze	Ag	
Other	Brass	Ni	
Environmental			
Temperature Range °C	-40 ~ +85		

Description	Connector	Huawei Mini Coax SYFVZP-LC-75-1-1x16	Huawei Micro Coax SYFVZP-MC-75-1-1x32
		Stock Code	
BT43 Plug (Crimp)		201-5050-002	
BT43 Plug (QT)		201-5231-001	
BT43 Socket (Crimp)		201-6650-002	
BT43 Socket (QT)		201-6231-001	
HDC43 Plug (Crimp)		202-5050-002	
HDC43 Plug (QT)		202-5231-001	
HDC43 Socket (Crimp)		202-6650-002	
UHDC43 Plug (Crimp)		203-5050-002	
BNC Plug (Crimp)		210-1050-002	210-1051-002
SSMZ Plug BT3002		216-1050-002	216-1051-002

**BNC Plug - BT43 Plug**

Stock Code	290-5001-002
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BNC Plug - 1.6/5.6 Jack

Stock Code	290-5002-021
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BNC Plug - 1.6/5.6 Plug

Stock Code	290-5007-004
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BNC Plug - 1.0/2.3 Jack

Stock Code	290-5020-004
------------	--------------

BNC Plug - M4 Plug

Stock Code	290-5040-031
------------	--------------

BNC Plug - M4 Socket

Stock Code	290-5041-031
------------	--------------

BNC Jack - 1.0/2.3 Jack

Stock Code	290-5025-004
------------	--------------

BNC Plug - N Jack

Stock Code	290-5022-002
------------	--------------

BNC Plug - F Jack

Stock Code	290-5023-002
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BNC Jack - F Plug

Stock Code	290-5024-002
------------	--------------

BNC Jack - 1.6/5.6 Plug

Stock Code	290-5005-070
------------	--------------

BNC Jack - 1.6/5.6 Jack

Stock Code	290-5009-004
------------	--------------

N Type Jack to 7/16 Plug

Stock Code	290-5075-002
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**TNC Male/Female GDT
Lighting Arrester (DC-3GHz) 230v**


Stock Code	213-JKYP
Characteristic Impedance	50 ohm
VSWR	DC-3GHz
Insertion Loss	≤1.18
Dielectric Resistance	≥5000MΩ
Contact Resistance Center Contact	≤1.0mΩ
Outer Contact	≤1mΩ
Peak Discharge Current(KA)	10/20
Initial Discharge Voltage(V)	75/90/150/230
Peak Power(W)	200

75v, 90v & 150v also available

**N Male/Female B/H GDT
Lighting Arrester (DC-3GHz) 230v**


Stock Code	220-JKYP
Characteristic Impedance	50 ohm
VSWR	DC-3GHz
Insertion Loss	≤1.18
Dielectric Resistance	≥5000MΩ
Contact Resistance Center Contact	≤1.0mΩ
Outer Contact	≤1mΩ
Peak Discharge Current(KA)	10/20
Initial Discharge Voltage(V)	75/90/150/230
Peak Power(W)	200

75v, 90v & 150v also available

**N Female/Female B/H GDT
Lighting Arrester (DC-3GHz) 230v**


Stock Code	220-KKY-1-01
Characteristic Impedance	50 ohm
VSWR	DC-3GHz
Insertion Loss	≤1.18
Dielectric Resistance	≥5000MΩ
Contact Resistance Center Contact	≤1.0mΩ
Outer Contact	≤1mΩ
Peak Discharge Current(KA)	10/20
Initial Discharge Voltage(V)	75/90/150/230
Peak Power(W)	200

75v, 90v & 150v also available

**DIN Male to Female Lighting Arrester
(Quarter Wave Type) 276-JKYP-5A**

Stock Code	276-JKYP-5A
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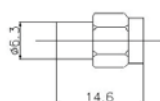
**DIN Female to Female Lighting Arrester
(Quarter Wave Type)**

Stock Code	276-KKYP-1
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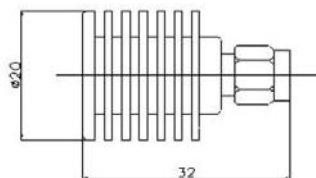
Electrical		
Characteristic Impedance	50ohm	
Frequency Range	0.69-2.7GHz	
VSWR	2.1-10MHz	<1.10
	0.698-0.8GHz	<1.20
	0.8-0.96GHz	<1.10
	1.70-2.75GHz	<1.19
Insertion Loss	2.1-10MHz	<0.1dB
	698-2150MHz	<0.1dB
PIM	<155dBc (900/1800/2100/2700MHz)	
Contact Resistance	Inner Conductor	<0.4m ohm
	Outer Conductor	<0.2m ohm
Max Permission	2550W	
Nominal Discharge Voltage	150V	
Discharge Capacity (kA@8/20 μ S)	20kA	
Mechanical Durability		
Mating Cycles	>500	
Material and Plating		
	Material	Plating
Body	Brass	Tr-Alloy
Insulator	Teflon	-
Centre Conductor	Phoshor Bronze	Ag
Enviromental		
Temperature	-40 °C ~ +85 °C	
Water Proof	IP68	

SMA Male Loads

SMA Male Load 2W
Stock Code: 214-M2W



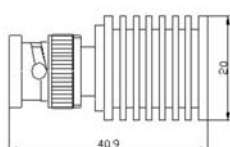
SMA Male Load 5W
Stock Code: 214-M5W



Frequency Range (GHz)	DC-3
VSWR	≤1.10
Impedance (Ω)	50
Connector	SMA (male)
Operating Temperature (°C)	-40~+80

BNC Male Loads

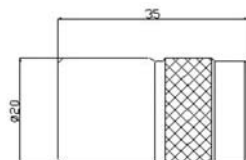
BNC Male Load 2W
Stock Code: 210-M2W



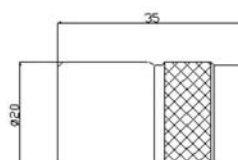
Frequency Range (GHz)	DC-3
VSWR	≤1.10
Impedance (Ω)	50
Connector	BNC (male)
Operating Temperature (°C)	-40~+80

N-Type Male Loads

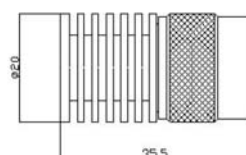
N Type Male Load 1W
Stock Code: 220-M1W



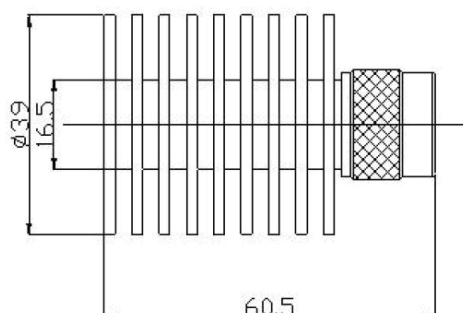
N Type Male Load 2W
Stock Code: 220-M2W



N Type Male Load 5W
Stock Code: 220-M5W



N Type Male Load 10W
Stock Code: 220-M10W



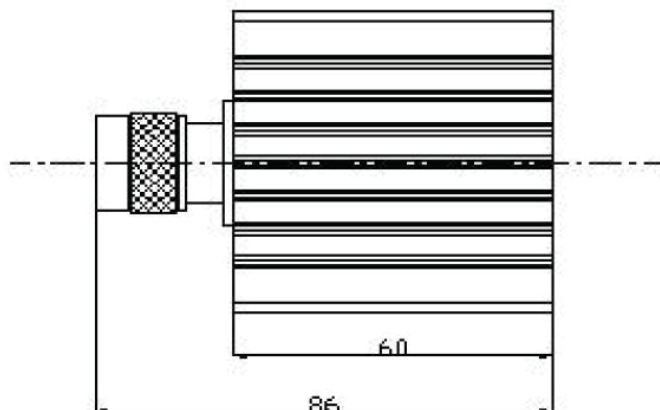
Frequency Range (GHz)	DC-3
VSWR	≤1.15
Impedance (Ω)	50
Connector	N (male)
Operating Temperature (°C)	-40~+80



N Type Male Load 25W

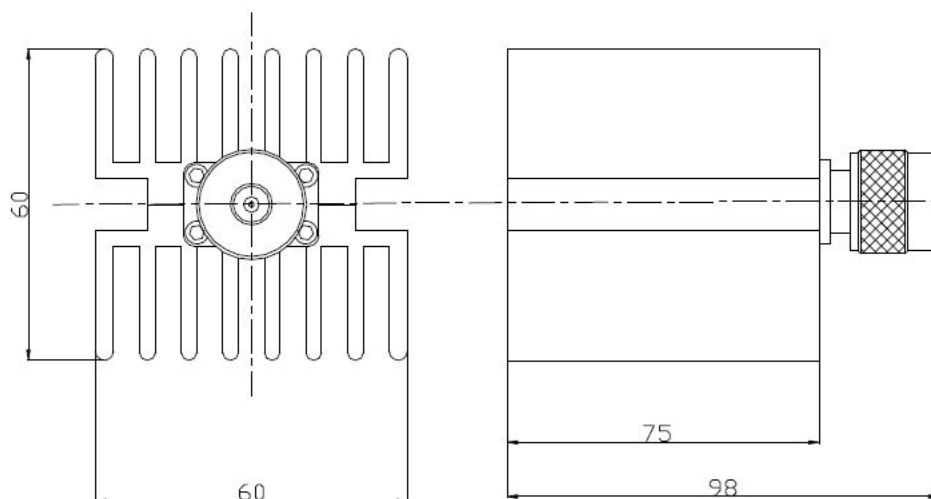
Stock Code: 220-M25W

Frequency Range (GHz)	DC-3
VSWR	≤1.20
Impedance (Ω)	50
Connector	N (male)
Operating Temperature (°C)	-40~+80



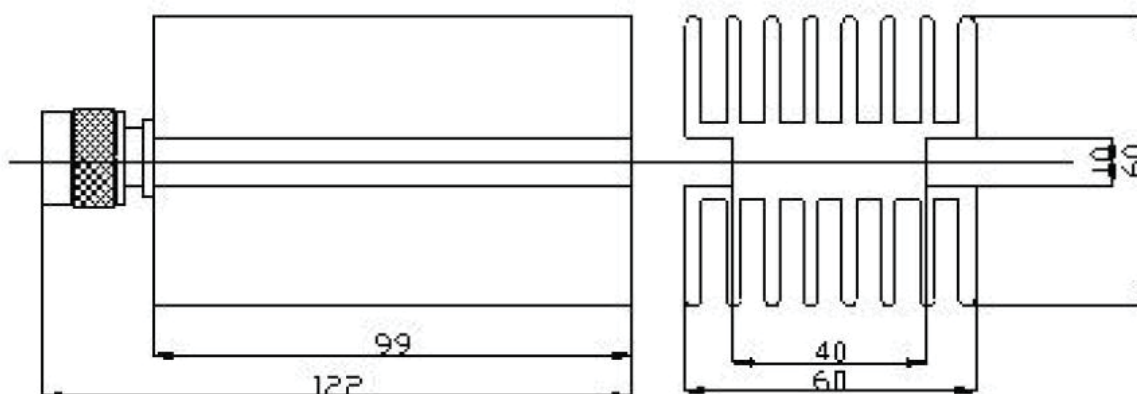
N Type Male Load 30W

Stock Code: 220-M30W

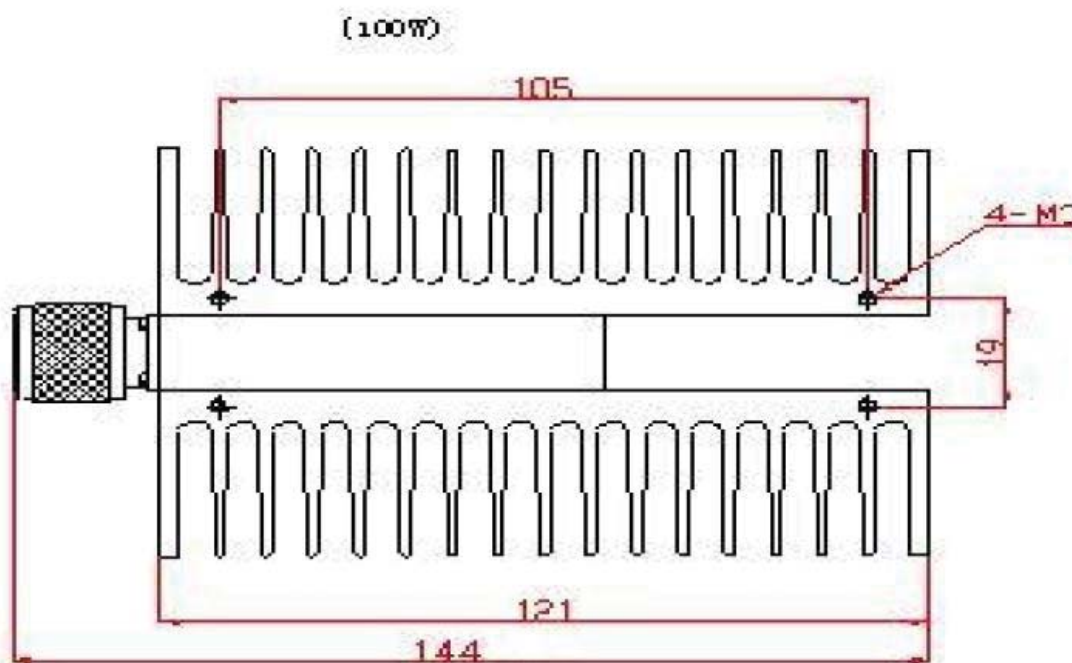


N Type Male Load 50W

Stock Code: 220-M50W

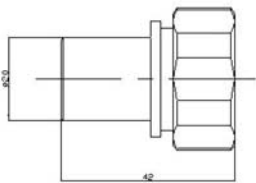


Frequency Range (GHz)	DC-3
VSWR	≤1.20
Impedance (Ω)	50
Connector	N (male)
Operating Temperature (°C)	-40~+80

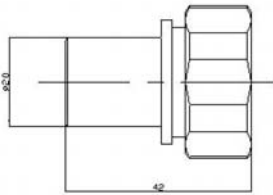


Frequency Range (GHz)	DC-3
VSWR	≤1.20
Impedance (Ω)	50
Connector	7/16 (male)
Operating Temperature (°C)	-40~+80

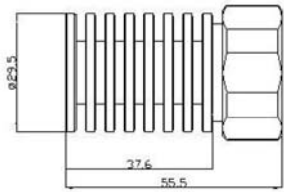
7/16 Male Load 2W
Stock Code: 276-M2W



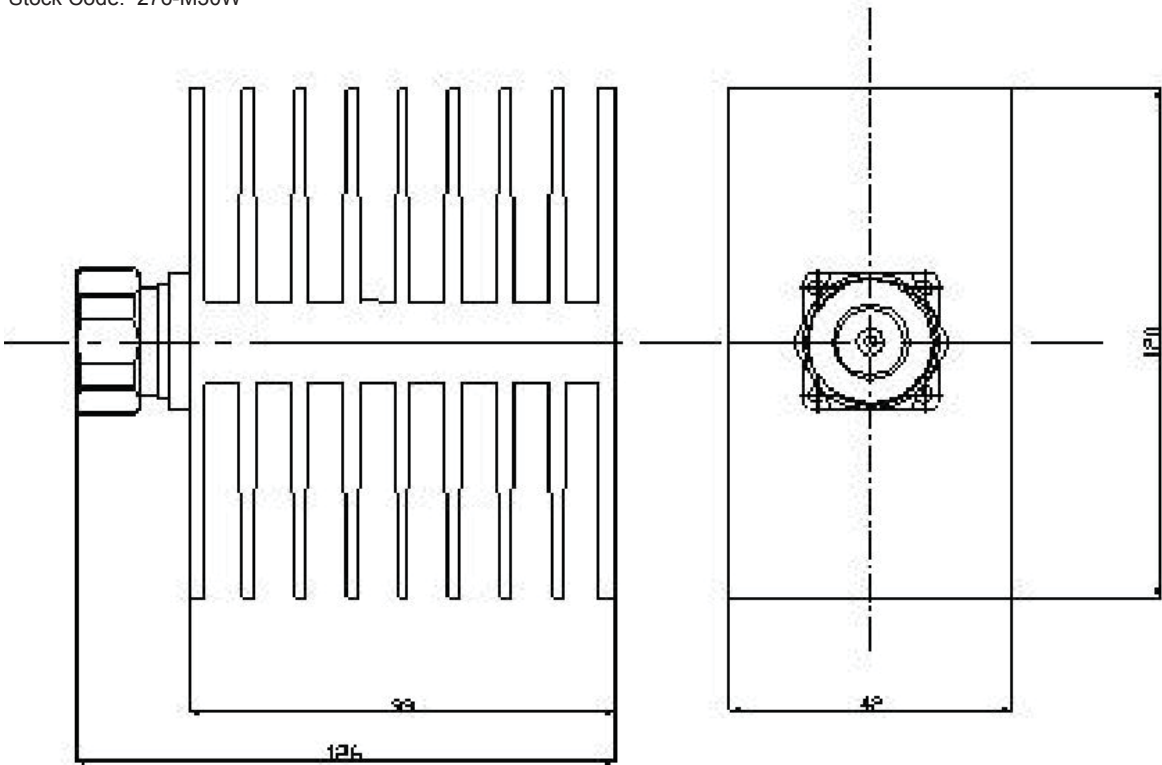
7/16 Male Load 5W
Stock Code: 276-M5W



7/16 Male Load 10W
Stock Code: 276-M10W

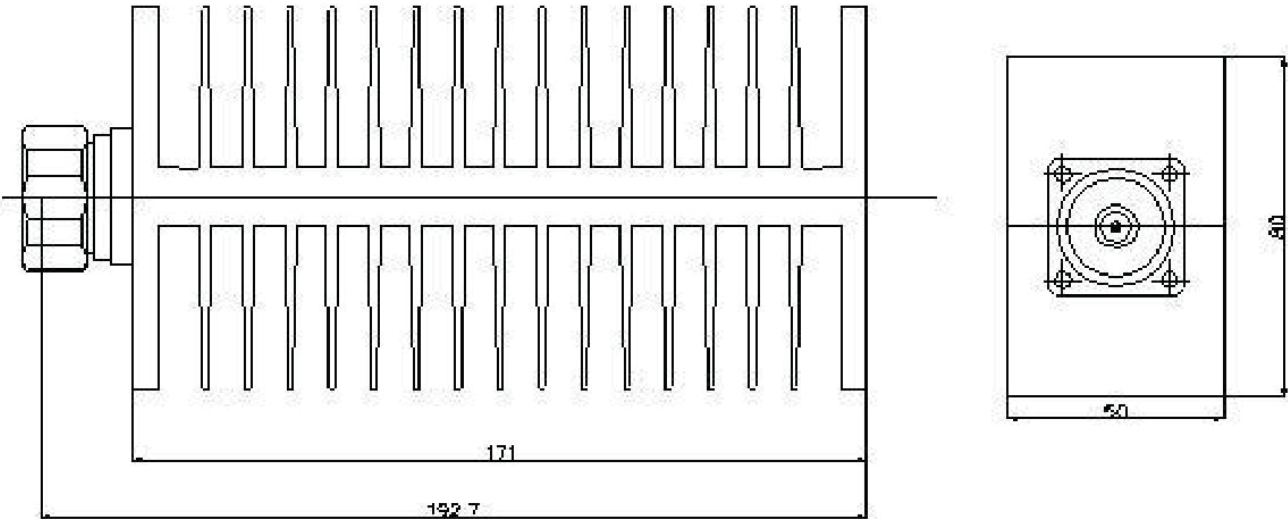


7/16 Male Load 30W
Stock Code: 276-M30W

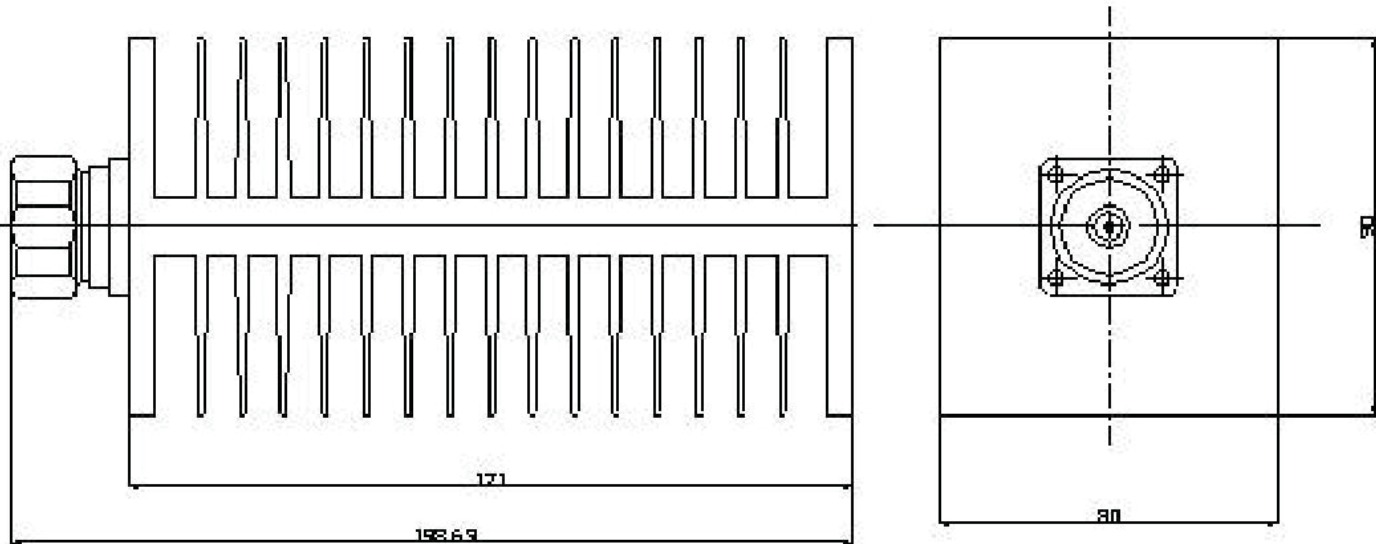


7/16 Male Load 50W
Stock Code: 276-M50W

Frequency Range (GHz)	DC-3
VSWR	≤1.20
Impedance (Ω)	50
Connector	7/16 (male)
Operating Temperature (°C)	-40~+80

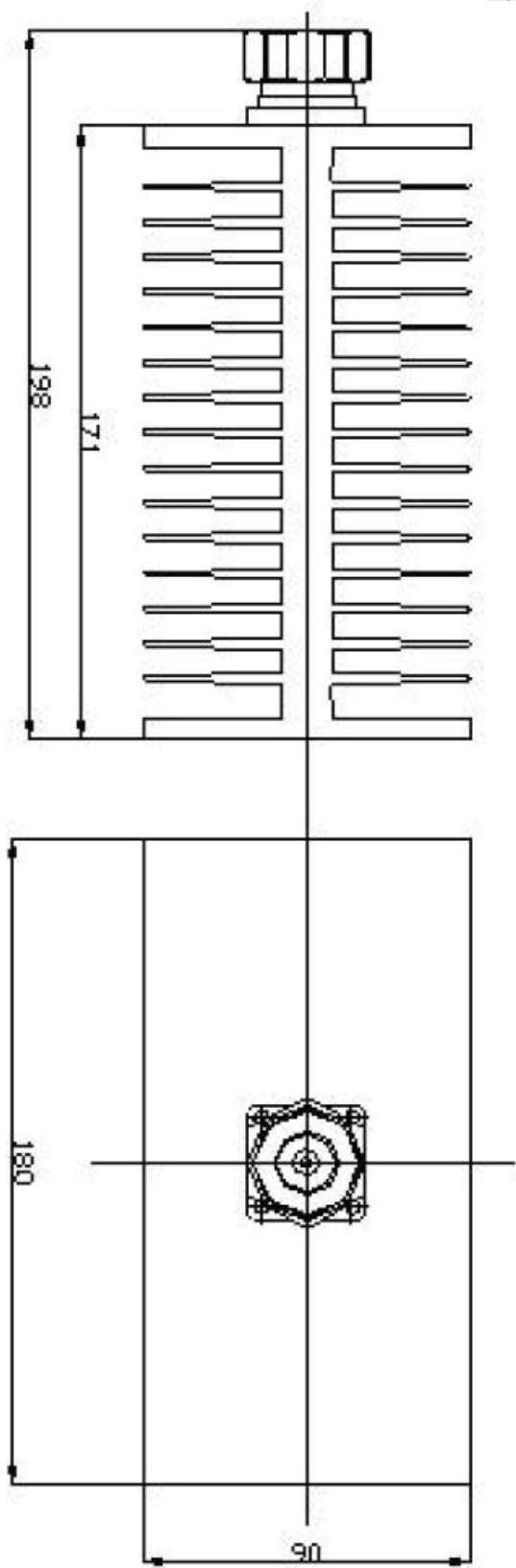


7/16 Male Load 100W
Stock Code: 276-M100W



7/16 Male Load 200W
Stock Code: 276-M200W

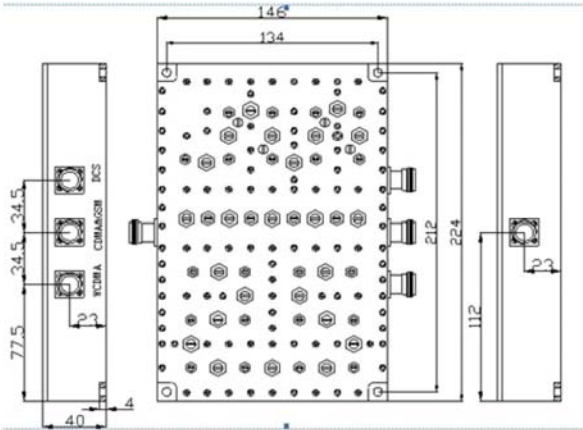
Frequency Range (GHz)	DC-3
VSWR	≤1.20
Impedance (Ω)	50
Connector	7/16 (male)
Operating Temperature (°C)	-40~+80



RF Triplexer
GSM900/DCS1800/UMTS2100

An RF Triplexer is used to combine RF from a number of different sources. This is achieved while maintaining the characteristic impedance of the system. Dependent upon the type of combiner it may introduce additional loss by using resistors, or it may be use transformers in which case it could in theory be lossless.

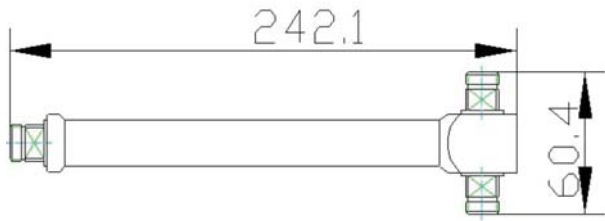
Stock Code	712-ZK-TRIPLEXER03		
Port Name	CH1:GSM	CH2:DCS	CH3:UMTS
Frequency(MHz)	890-960	1710-1880	1920-2170
Insertion Loss(dB)	≤0.4dB	≤0.8dB	≤0.8dB
Ripple in band(dB)	≤0.2dB	≤0.6dB	≤0.6dB
Stop-band Attenuation(dB)	≥80@1710-1880MHZ	≥80@890-960MHZ	≥80@1710-1880MHZ
	≥80@1920-2170MHZ	≥80@1920-2170MHZ	≥80@1920-2170MHZ
VSWR	≤1.30:1		
Impedance(ohm)	50		
Power(W)	200		
Operating Temperature (°C)	-30~+65		
Connector Type	N-female		
Dimensions(mm)	224*146*40 (Without Connectors)		
Weight(kg)	1.505		



N Type 2 Way Splitter (698-2700 MHz)
220-APD6827-02N



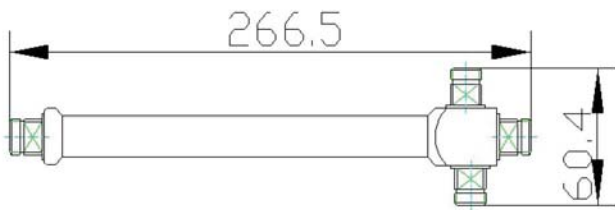
Dissipative Loss at Frequency Band (dB)	0.4dB@698-2700
Split Loss (dB)	3.0
Dimensions (mm)	242.1 x 60.4 x 25



N Type 3 Way Splitter (698-2700 MHz)
220-APD6827-03N



Dissipative Loss at Frequency Band (dB)	0.6dB@698-2700
Split Loss (dB)	4.8
Dimensions (mm)	266.5 x 60.4 x 25



N Type 4 Way Splitter (698-2700 MHz)
220-APD6827-04N



Dissipative Loss at Frequency Band (dB)	0.4dB@698-2700
Split Loss (dB)	6.0
Dimensions (mm)	266.5 x 60.4 x 42.3



Technical Specifications

Operating Frequency Band(MHz)	698-2700
3rd Order IMD(dBc)	-140dBc(relative to carrier)
3rd order IMD Test Method	Two+43 dBm carriers
Average Power, maximum(W)	200
Impedance(ohm)	50
Peak Power, maximum(KW)	3
Reflected Power, maximum(W)	200
Return Loss, minimum(dB)	19.1
VSWR	1.25:1

Mechanical and Environmental Specifications

Application	Indoor/Outdoor
Color	Black-plated
Operating Temperature(deg)	-25 ~ +85
Relative Humidity	5%-95%



Strain Relief Boot RG174/179		Strain Relief Boot RG58		Strain Relief Boot RG59	
Colour	Stock Code	Colour	Stock Code	Colour	Stock Code
Black	412-0408-002	Black	412-5808-002	Black	412-0908-002
Brown	412-0410-002	Brown	412-5810-002	Brown	412-0910-002
Blue	412-0405-002	Blue	412-5805-002	Blue	412-0905-002
Green	412-0402-002	Green	412-5802-002	Green	412-0902-002
Grey	412-0404-002	Grey	412-5804-002	Grey	412-0904-002
Orange	412-0401-002	Orange	412-5801-002	Orange	412-0901-002
Red	412-0406-002	Red	412-5806-002	Red	412-0906-002
Violet	412-0409-002	Violet	412-5809-002	Violet	412-0909-002
White	412-0407-002	White	412-5807-002	White	412-0907-002
Yellow	412-0403-002	Yellow	412-5803-002	Yellow	412-0903-002



Strain Relief Boot BT3002	
Colour	Stock Code
Red	412-0506-036
Black	412-0508-036



Strain Relief Boot BT3002	
Colour	Stock Code
White	412-0507-002
Black	412-0508-002



H Expandable Sleeve Pink		
Size	Pack	Stock Code
3mm	500	407-03012
4mm	500	407-04012



**MHDB/MHDM Series
Solder Cup**

Specification

Insulator	Glass filled Polyester, Black UL94 V-0
Shell	Stamped Steel, Tin Plated
Contact pins	Copper Alloy
Stamped & Formed Pins	Class 3, 100 inserts min (DB)
Machines Pins	Class 1, 500 inserts min. (DM)

Male Connectors	Stamped & Formed		
	Size	Part No.	Stock Code
	9	2101-0180-01	310-DB09-SP
	15	2101-0180-02	310-DB15-SP
	25	2101-0180-03	310-DB25-SP
	37	2101-0180-04	310-DB37-SP
	50	2101-0180-05	310-DB50-SP
	Machined Contacts		
	Size	Part No.	Stock Code
	9	2101-0200-01	310-DM09-SP
	15	2101-0200-02	310-DM15-SP
	25	2101-0200-03	310-DM25-SP
	37	2101-0200-04	310-DM37-SP

Female Connectors	Stamped & Formed		
	Size	Part No.	Stock Code
	9	2101-0180-11	310-DB09-SS
	15	2101-0180-12	310-DB15-SS
	25	2101-0180-13	310-DB25-SS
	37	2101-0180-14	310-DB37-SS
	50	2101-0180-15	310-DB50-SS
	Machined Contacts		
	Size	Part No.	Stock Code
	9	2101-0200-11	310-DM09-SS
	15	2101-0200-12	310-DM15-SS
	25	2101-0200-13	310-DM25-SS
	37	2101-0200-14	310-DM37-SS



Other connectors available are:

TNC	MCX
N-Type	UHF
F	SMA
FME	SMC
7/16	

Also available with other connector interfaces

BNC Female to RJ45 (free)



Speed	Stock Code
2/8mb	270-2002-016

BNC Female to RJ45 (panel mount)



Speed	Stock Code
2/8mb	270-2002-016
34mb	270-3502-016

BNC Female to RJ45 (bulkhead mount)



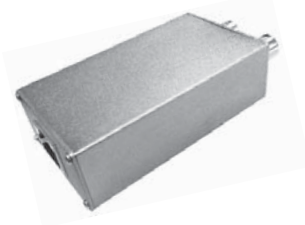
Speed	Stock Code
2/8mb	270-2602-016

BNC Male to RJ45 (free)



Speed	Stock Code
2/8mb	270-2402-016

BNC Female to RJ45 (free)



Speed	Stock Code
2/8mb	270-HMC702

Mounting Panels



Description 1U BNC B/H Mount
for 270-2602-016

Stock Code 802-16BN-016



Description 1 x 16 Port RJ45 Mount
for 270-x502-016

Stock Code 802-16RJ-016

Dual Female BNC to RJ45 Balun Adaptor



Speed	2/8mb
Stock Code	270-2502-069

Dual Female BNC to RJ45 Balun Adaptor (Ins. BH)



Speed	2/8mb
Stock Code	270-2602-069

Dual 1.6/5.6 to RJ45 Balun Adaptor



Speed	2/8mb
Stock Code	270-2102-069

Dual 1.0/2.3 to RJ45 Balun Adaptor



Speed	2/8mb
Stock Code	270-2302-069

Dual Type 43 to RJ45 Balun Adaptor



Speed	2/8mb
Stock Code	270-2202-069

Dual SMB to RJ45 Balun Adaptor



Speed	2/8mb
Stock Code	270-2802-069

Mounting Panels



Description
1 x 16 Port RJ45 Mount
for all of above

Stock Code
802-16RJ-016



Description
1U BNC B/H Mount for 270-2602-069

Stock Code
802-16BN-016

Description
1U 19" Balun Panel 16 x BNC with
central 3mm mount
For all other types

Stock Code
802-16BC-047

Also available with other connector interfaces

Single Channel RJ45 Baluns

**RJ45 - BNC Jack
single channel balun**


Speed	2/8mb
Stock Code	260-0904-063

**RJ45 - BNC Plug
single channel balun**


Speed	2/8mb
Stock Code	270-2602-069

**RJ45 - 1.6/5.6 Jack
single channel balun**


Speed	2/8mb
Stock Code	260-0906-063

Dual Channel RJ45 Baluns

**Dual Cable Balun
RJ45 - 1.6/5.6 Male 150mm**


Speed	2/8mb
Stock Code	260-0917-063

**Dual Cable Balun
RJ45 - BNC Male 150mm**


Speed	2/8mb
Stock Code	260-0915-063



HDC43 DDF Plug	Speed	Stock Code
	2/8mb	260-5205-021

1.6/5.6 Bulkhead Jack	Speed	Stock Code
	2/8mb	260-0305-021

BNC Bulkhead Jack	Speed	Stock Code
	2/8mb	260-1905-021

BT43 Bulkhead Plug	Speed	Stock Code
	2/8mb	260-1105-021

BNC Plug - Krone	Speed	Wire Size	Model	Stock Code
	2/8mb	0.40-0.65mm	B13008010	260-0803-006
	2/8/34mb	0.40-0.65mm	B04008010	261-0803-006

BNC Bulkhead Jack- Krone	Speed	Wire Size	Model	Stock Code
	2/8mb	0.40-0.65mm	B13019010	260-1903-006
	2/8/34mb	0.40-0.65mm	B04019010	261-1903-006

1.6/5.6 Plug - Krone	Speed	Wire Size	Model	Stock Code
	2/8mb	0.40-0.65mm	B13002010	260-0203-006

1.6/5.6 Bulkhead Jack - Krone	Speed	Wire Size	Model	Stock Code
	2/8mb	0.40-0.65mm	B13003010	260-0303-006

BNC Plug Balun Krone

Speed	Stock Code
2/8mb	260-0803-069
2/8/34mb	261-0803-069

BNC B/H Jack Balun Krone

Speed	Stock Code
2/8mb	260-1903-069
2/8/34mb	261-1903-069

1.6/5.6 Jack Balun Krone

Speed	Stock Code
2/8mb	260-0303-069
2/8/34mb	261-0303-069

1.6/5.6 Plug Balun Krone

Speed	Stock Code
2/8mb	260-0203-069
2/8/34mb	261-0203-069

1.0/2.3 Jack Balun Krone

Speed	Stock Code
2/8mb	260-4403-069
2/8/34mb	261-4403-069

1.0/2.3 Plug Balun Krone

Speed	Stock Code
2/8mb	260-4303-069
2/8/34mb	261-4303-069

BT43 Socket Balun Krone

Speed	Stock Code
2/8mb	260-4603-069
2/8/34mb	261-4603-069

BT43 Plug Balun Krone

Speed	Stock Code
2/8mb	260-4803-069
2/8/34mb	261-4803-069



BNC Plug - IDC



Speed	Wire Size	Model	Stock Code
2/8mb	0.24-0.40mm	B13008065	260-0801-006
2/8mb	0.50-0.65mm	B13008060	260-0802-006
2/8/34mb	0.24-0.40mm	B04008065	261-0801-006
2/8/34mb	0.50-0.65mm	B04008060	261-0802-006

BNC Bulkhead Jack - IDC



Speed	Wire Size	Model	Stock Code
2/8mb	0.24-0.40mm	B13019065	260-1901-006
2/8mb	0.50-0.65mm	B13019060	260-1902-006
2/8/34mb	0.24-0.40mm	B04019065	261-1901-006
2/8/34mb	0.50-0.65mm	B04019060	261-1902-006

HDC43 DDF Plug - IDC



Speed	Wire Size	Model	Stock Code
2/8mb	0.24-0.40mm	B13052075	260-5201-006
2/8mb	0.50-0.65mm	B13052070	260-5202-006
2/8/34mb	0.24-0.40mm	B04052075	261-5201-006
2/8/34mb	0.50-0.65mm	B04052070	261-5202-006

BT43 DDF Plug - IDC



Speed	Wire Size	Model	Stock Code
2/8mb	0.24-0.40mm	B13049065	260-4901-006
2/8mb	0.50-0.65mm	B13049060	260-4902-006
2/8/34mb	0.24-0.40mm	B04049065	261-4901-006
2/8/34mb	0.50-0.65mm	B04049060	261-4902-006

1.6/5.6 Plug - IDC



Speed	Wire Size	Model	Stock Code
2/8mb	0.24-0.40mm	B13002065	260-0201-006
2/8mb	0.50-0.65mm	B13002060	260-0202-006
2/8/34mb	0.24-0.40mm	B04002065	261-0201-006
2/8/34mb	0.50-0.65mm	B04002060	261-0202-006

1.6/5.6 Bulkhead Jack - IDC



Speed	Wire Size	Model	Stock Code
2/8mb	0.24-0.40mm	B13003065	260-0301-006
2/8mb	0.50-0.65mm	B13003060	260-0302-006
2/8/34mb	0.24-0.40mm	B04003065	261-0301-006
2/8/34mb	0.50-0.65mm	B04003060	261-0302-006



1.6/5.6 Plug quick release balun

Stock Code
260-0206-003



1.6/5.6 Jack quick release balun

Stock Code
260-0306-003



HDC43 Plug quick release balun

Stock Code
260-5206-003



HDC43 DDF Mount

Description

HDC43/RJ45 balun (Black)
HDC43/RJ45 balun (Grey)

Stock Code
270-5102-035
270-5202-035



Type 43 DDF Plug IDC Balun

0.5mm



Speed
2/8mb

Model
051-127-9989A9G

Stock Code
260-4902-001

1.0/2.3 Plug IDC Balun

0.5mm



Speed
2/8mb

Model
055-F24-9019A9G

Stock Code
260-4302-001

HDC43 DDF Plug IDC Balun

0.5mm



Speed
2/8mb

Model
051-127-9999A9G

Stock Code
260-5202-001

1.6/5.6 Jack Balun 2/8mb

0.5mm



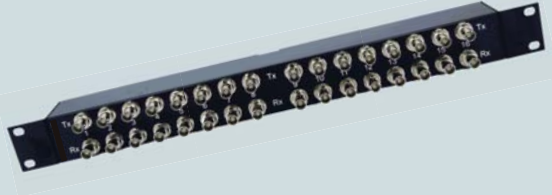
Speed
2/8mb

Model
051-A27-9019A9G

Stock Code
260-0302-001



BNC Jack - RJ45 19" Panel

**Speed**

2/8mb
2/8mb
2/8mb
2/8mb

Capacity

8E1
16E1
21E1
24E1

Model

TKPP.16.03
TKPP.32.03
TKPP.42.03
TKPP.48.03

Stock Code

270-2008-016
270-2016-016
270-2021-016
270-2024-016

Type 43 Plug – RJ45 19" Panel

**Speed**

2/8mb
2/8mb
2/8mb
2/8mb

Capacity

8E1
16E1
21E1
24E1

Model

TKPP.16.01
TKPP.32.01
TKPP.42.01
TKPP.48.01

Stock Code

270-2208-016
270-2216-016
270-2221-016
270-2224-016

1.6/5.6 Jack – RJ45 19" Panel

**Speed**

2/8mb
2/8mb
2/8mb
2/8mb

Capacity

8E1
16E1
21E1
24E1

Model

TKPP.16.02
TKPP.32.02
TKPP.42.02
TKPP.48.02

Stock Code

270-2108-016
270-2116-016
270-2121-016
270-2124-016

M4 – RJ45 19" Panel

**Speed**

2/8mb
2/8mb
2/8mb

Capacity

16E1
21E1
24E1

Model

TK-UBP06-016-RJO
TK-UBP06-021-RJO
TK-UBP06-024-RJO

Stock Code

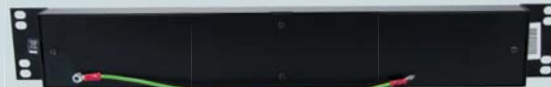
270-2716-016
270-2721-016
270-2724-016



Rear view

**Type 43/RJ45 19" Balun Panel**

Front Mount 16E1

Speed
2/8mb**Capacity**
16E1**Model**
TK-UBP01-016-RJF**Stock Code**
270-4216-016**1.6/5.6/RJ45 19" Balun Panel**

Front Mount 16E1

Speed
2/8mb**Capacity**
16E1**Model**
TK-UBP02-016-RJF**Stock Code**
270-4116-016**BNC/RJ45 19" Balun Panel**

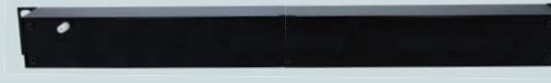
Front Mount 16E1

Speed
2/8mb**Capacity**
16E1**Model**
TK-UBP03-016-RJF**Stock Code**
270-4016-016**1.0/2.3/RJ45 19" Balun Panel**

Front Mount 24E1

Speed
2/8mb**Capacity**
24E1**Model**
TK-UBP04-024-RJF**Stock Code**
270-4324-016**SMB/RJ45 19" Balun Panel**

Front Mount 24E1

Speed
2/8mb**Capacity**
24E1**Model**
TK-UBP05-024-RJF**Stock Code**
270-4824-016**M4/RJ45 19" Balun Panel**

Front Mount 16E1

Speed
2/8mb**Capacity**
16E1**Model**
TK-UBP06-016-RJF**Stock Code**
270-4724-016



Frame Distribution 6000

A versatile Digital Distribution Frame designed to accommodate standard type 43 connectors and provide for rear jumpering using 'U' Links. The connectors are vertical plastic blocks fitted to the frame front vertical. Through-frame jumpering is carried in rings and troughs at the base and top of the frame. The base also incorporates ring to facilitate front to rear jumpering. The frame footprint is 600mm x 260mm and is available in 2.2m and 2.6 heights.

Description	Stock Code
6000 19" DDF panel (c/w 6 blocks)	801-6014-047
6000A 2.6m Frame (holds 32 blocks)	801-6001-011
6000B 2.2m Frame (holds 24 blocks)	801-6002-011
6000 DDF Mounting Block D81860	801-6005-011

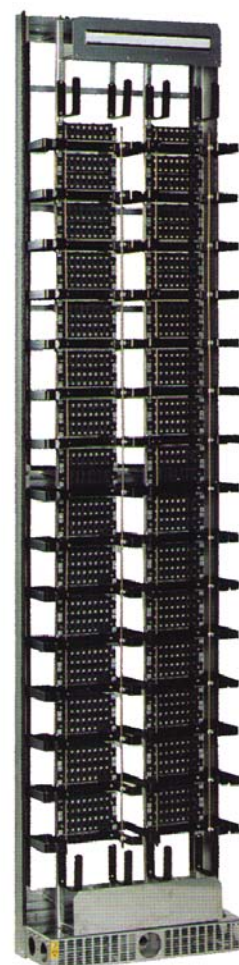


Frame Distribution 6003



The 6003 frame gives greater density of connectors in the same 600mm x 260mm footprint of the 6000 series. In addition the type 43 connectors are housed in plastic blocks (mounted horizontally) providing for front connecting jumper leads. Both top and base plinths incorporate cabling troughs thus alleviating the need to 'thread' frame jumper cables.

Description	Stock Code
6003A 2.6m Frame c/w 58 blocks	801-6011-011
6003B MK3 2.2m Frame c/w 46 blocks	801-6012-011
6003 DDF Mounting Block 1/D108610	801-6015-011
Label Kit 6003 MK3	801-6018-011





HDC43 FRAMES

- A Compact versatile Digital Distribution Frame offering extremely space efficient packaging
- Utilises the proven HDC43 connector technology
- Available in a range of heights and widths to match existing TEP-1E frames
- All parts plated, painted or plastic coated
- Can be floor or wall mounted
- Suitable for under floor or overhead cabling installations
- Can be supplied bolted back to back, avoiding the need for supporting iron work
- A full range of accessories available to allow ease of installation and immediate commissioning



Height	Width	Verticals	Stock Code
1.8m	600mm	2	811-1860-047
2.0m	300mm	1	811-2030-047
2.0m	750mm	4	811-2075-047
2.2m	300mm	1	811-2230-047
2.2m	400mm	2	811-2240-047
2.2m	600mm	2	811-2260-047
2.2m	600mm	3	811-2263-047
2.2m	750mm	4	811-2275-047
2.2m	900mm	4	811-2290-047
2.6m	400mm	2	811-2640-047
2.6m	600mm	2	811-2660-047
2.6m	750mm	4	811-2675-047
2.6m	900mm	4	811-2690-047

Can also be supplied fitted with DDF blocks



HDC43 B2 Block Kit

**Description**

HDC43 B2 Block Kit

Stock Code

811-0002-047

Other Versions

HDC43 B2 Block with captive screws

811-0001-011

HDC43 B3 Block

811-0003-036

HDC43 B4 Block for Type 43

811-0006-036

Labelling

HDC43 B2 Block Label (Sheet 8)

811-0008-047

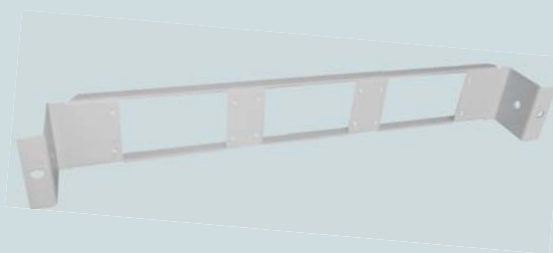
HDC43 B2 plastic label Cover

811-2000-047

Retaining Pins for labels (red)

812-0051-047

HDC43 Recessed Panel 19"

**Description**HDC43 3U Recessed Panel, unpopulated grey
HDC43 3U Recessed Panel, unpopulated blue**Stock Code**811-2400-047
811-2402-047**Description**HDC43 1.5U Recessed Panel, unpopulated grey
HDC43 1.5U Recessed Panel, unpopulated blue**Stock Code**811-2410-047
811-2411-047**Description**HDC43 3U Recessed Panel, populated grey
HDC43 3U Recessed Panel, populated blue**Stock Code**811-2406-047
811-2408-047**Description**HDC43 1.5U Recessed Panel, populated grey
HDC43 1.5U Recessed Panel, populated blue**Stock Code**811-2412-047
811-2413-047



- The frames are available in different sizes to meet the existing standards of telecoms frames
- UHDC43 DDF designed to give better access to installers, whilst improving cable management systems
- Frames comply with latest ETSI standards
- Frames can be back to back mounted or stand alone applications

**Description**

UHDC DDF Block
Mounting Block Kit
(8 Units)

Stock Code

812-0012-036

812-0011-036

**Description**

19" Panel 2 x UHDC Block
Free Mount UHDC Block

Stock Code

812-2100-036

812-2104-036

**Description**

ETSI Conversion Bracket

Stock Code

812-1904-036

**Description**

UHDC Paper Label

UHDC Paper Cover

Retaining Pins for Labels

Stock Code

812-0011-036

812-2050-036

812-0051-036

Height	Width	Verticals	Stock Code
1.4m	475mm	1	812-1447-036
2.2m	600mm	2	812-2260-036
2.2m	750mm	3	812-2275-036



BT2001

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	7/0.20	BC	2.40	Foam PE	BC	4.40	PVC	White	31	101-2101

BT2002

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	7/0.20	BC	2.40	Foam PE	BC x 2	5.10	PVC	White	49	101-2201

BT2003 PVC

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/0.61	BC	3.70	Solid PE	BC x 2	6.65	PVC	White	80	101-2301

BT2003 LSZH

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/0.61	BC	3.70	Solid PE	BC x 2	6.65	LSZH	White	80	101-2601

BT3002 PVC

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/0.31	BC	1.95	Solid PE	TC x 2	3.55	PVC	White	23	101-3201
2	1/0.31	BC	1.95	Solid PE	TC x 2	3.55 x 2	PVC	White	48.5	101-3202
4	1/0.31	BC	1.95	Solid PE	TC x 2	10.2	PVC	White	135	101-3204
8	1/0.31	BC	1.95	Solid PE	TC x 2	16.0	PVC	White	335	101-3208
12	1/0.31	BC	1.95	Solid PE	TC x 2	17.5	PVC	White	370	101-3212
16	1/0.31	BC	1.95	Solid PE	TC x 2	20.5	PVC	White	500	101-3216
24	1/0.31	BC	1.95	Solid PE	TC x 2	24.6	PVC	White	715	101-3224
32	1/0.31	BC	1.95	Solid PE	TC x 2	27.1	PVC	White	925	101-3232

BT3002 LSZH

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/0.31	BC	1.95	Solid PE	TC x 2	3.55	LSZH	White	23	101-3301
2	1/0.31	BC	1.95	Solid PE	TC x 2	3.55 x 2	LSZH	White	48.5	101-3302
4	1/0.31	BC	1.95	Solid PE	TC x 2	10.2	LSZH	White	135	101-3304
8	1/0.31	BC	1.95	Solid PE	TC x 2	16.0	LSZH	White	335	101-3308
16	1/0.31	BC	1.95	Solid PE	TC x 2	20.5	LSZH	White	500	101-3316

BT5000

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/0.96	BC	4.80	Foam PE	Foil+TC	7.2	LSZH	White	72	101-5001

BC	Bare Copper
LSZH	Low Smoke Zero Halogen
PVC	Polyvinyl Chloride
TC	Tinned Copper
PE	Polyethylene



This range of 75Ω coaxial cable designed to meet the dual challenge of reduced size and improved performance, essential for the latest telecommunication technology and exchange equipment.

This range of coaxial cable has been down-sized to allow full occupancy of the state-of-the-art compact switches and DDF's used in modern telecommunication exchanges.

The new designs also offer an optimum electrical performance required for latest protocols whilst enabling longer cable runs and better duct/rack occupancy.

With safety in mind, all products in this range have been constructed using LSZH (Low Smoke Zero Halogen) jackets/sheaths.

RA7000

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/0.61	BC	2.80	Foam PE	Foil + TC	4.50	LSZH		30.9	101-7001
4	1/0.61	BC	2.80	Foam PE	Foil + TC	12.75	LSZH		190	101-7004
8	1/0.61	BC	2.80	Foam PE	Foil + TC	17.20	LSZH		362	101-7008
16	1/0.61	BC	2.80	Foam PE	Foil + TC	24.25	LSZH		696	101-7016

- Less than half the cross sectional area of BT2003
- Lower losses than BT2003 beyond 36MHz
- Capable of cable runs over 100 metres at 155 Mbit/s
- Ideal for high density Voice over IP applications
- LSZH jacket/sheath as standard
- Standard connector series available

RA8000

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/0.31	BC	1.45	Foam PE	Foil + TC	2.75	LSZH		13.2	101-8001
2	1/0.31	BC	1.45	Foam PE	Foil + TC	2.75 x 2	LSZH		27.5	101-8002
4	1/0.31	BC	1.45	Foam PE	Foil + TC	8.25	LSZH		97.6	101-8004
8	1/0.31	BC	1.45	Foam PE	Foil + TC	11.00	LSZH		144.3	101-8008
16	1/0.31	BC	1.45	Foam PE	Foil + TC	14.85	LSZH		323.5	101-8016
32	1/0.31	BC	1.45	Foam PE	Foil + TC	20.55	LSZH		591.5	101-8032

- Reduced diameter 40% saving in cross sectional area compared to BT3002/RA750
- Lower loss than BT3002/RA750
- Available in constructions up to 32 core
- Ideal for high density equipment applications

BC	Bare Copper
LSZH	Low Smoke Zero Halogen
PVC	Polyvinyl Chloride
TC	Tinned Copper
PE	Polyethylene





TZC 750 05

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/0.49	TC	3.00	PE	TC x 2	5.6	PVC	Black	58	TBA

TZC 750 24 (PVC)

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/0.31	BC	1.95	Solid PE	TC x 2	3.55	PVC	Black	26.4	101-2401
2	1/0.31	BC	1.95	Solid PE	TC x 2	3.55 x 2	PVC	Black	53	101-2402
4	1/0.31	BC	1.95	Solid PE	TC x 2	10.2	PVC	Black/Grey	162.5	101-2404
8	1/0.31	BC	1.95	Solid PE	TC x 2	14.5	PVC	Black/Grey	294	101-2408
16	1/0.31	BC	1.95	Solid PE	TC x 2	19.5	PVC	Black/Grey	586	101-2416

TZC 750 24
(External PE)

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
16	1/0.31	BC	1.95	Solid PE	TC x 2	20.5	PE	Black/Black	542	101-2426

TZC 750 25 (LSZH)

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/0.31	BC	1.95	Solid PE	TC x 2	3.55	LSZH	Black	26.4	101-2501
2	1/0.31	BC	1.95	Solid PE	TC x 2	3.55 x 2	LSZH	Black	53	101-2502
4	1/0.31	BC	1.95	Solid PE	TC x 2	10.2	LSZH	Black/Grey	162.5	101-2504
8	1/0.31	BC	1.95	Solid PE	TC x 2	14.5	LSZH	Black/Grey	294	101-2508
16	1/0.31	BC	1.95	Solid PE	TC x 2	19.5	LSZH	Black/Grey	586	101-2516

TZC 752 1001
(TZC 750 05 LSZH)

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/0.49	TC	3.00	PE	TC x 2	5.6	LSZH	Black	58	TBA

TZC 752 2201
(Black RA8000)

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/0.31	BC	1.45	Foam PE	Foil + TC	2.75	LSZH	Black	12	101-8101

TZC 752 2204
(Black RA7000)

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/0.60	BC	2.80	Foam PE	Foil + TC	4.5	LSZH	Black	25	101-7101

BC	Bare Copper
LSZH	Low Smoke Zero Halogen
PVC	Polyvinyl Chloride
TC	Tinned Copper
PE	Polyethylene




TZE 101 06
 (TZC75024 8 Core)

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
8	1/0.31	BC	1.95	Solid PE	TC x 2	14.5	PVC	Black/Grey	28	101-2408

TZE 101 09
 (TZC75024 Shotgun)

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
2	1/0.31	BC	1.95	Solid PE	TC x 2	3.55 x 2	PVC	Black	53	101-2402

TZE 101 10
 (TZC75025 Shotgun)

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
2	1/0.31	BC	1.95	Solid PE	TC x 2	3.55 x 2	LSZH	Black	53	101-2502

TZE 101 11
 (TZC75025 8 Core)

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
8	1/0.31	BC	1.95	Solid PE	TC x 2	14.5	LSZH	Black/Grey	294	101-2508

TZE 101 15 Double Braided & Jacket
 (TZC75025 Shotgun)

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
2	1/0.31	BC	1.95	Solid PE	TC x 2	6.0 x 9.6	LSZH	Black/Grey	92	101-1502

TZE 101 19 Double Braided & Jacket
 (TZC75024 Shotgun)

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
2	1/0.31	BC	1.95	Solid PE	TC x 2	6.0 x 9.6	PVC	Black/Grey	92	101-1902

TZE 101 16 Double Braided & Jacket
 (TZE 101 11)

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
8	1/0.31	BC	1.95	Solid PE	Foil + TC	15.9	LSZH	Black/Grey	340	101-1608

TZE 102 7112
 (TZC75025 14/16 Core)

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
14	1/0.31	BC	1.95	Solid PE	TC x 2	18	LSZH	Black/Grey	450	101-2514
16	1/0.31	BC	1.95	Solid PE	TC x 2	20	LSZH	Black/Grey	520	101-2516

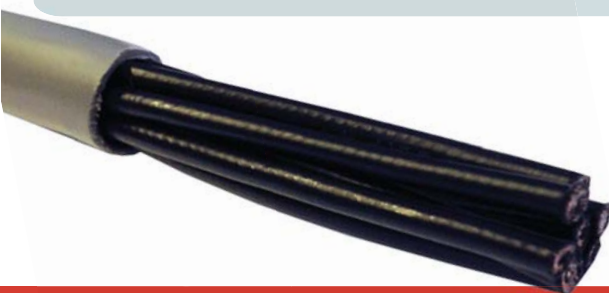
TZE 102 7121
 (Black RA8000)

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
4	1/0.31	BC	1.4	Foam PE	Foil + TC	8.2	LSZH	Black/Grey	86	101-8104
8	1/0.31	BC	1.4	Foam PE	Foil + TC	9.7	LSZH	Black/Grey	153	101-8108
16	1/0.31	BC	1.4	Foam PE	Foil + TC	15	LSZH	Black/Grey	280	101-8116
32	1/0.31	BC	1.4	Foam PE	Foil + TC	20	LSZH	Black/Grey	530	101-8132

TZE 102 7322
 (Black RA8000 Shotgun)

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
2	1/0.31	BC	1.45	Foam PE	Foil + TC	27.5 x 2	LSZH	Black	29	101-8102

BC	Bare Copper
LSZH	Low Smoke Zero Halogen
PVC	Polyvinyl Chloride
TC	Tinned Copper
PE	Polyethylene





SDI Video Cable - Grey

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/0.60	BC	2.80	FPE	APAF+TC	4.5	LSZH	Grey	27.9	101-BDSD01-083
4	1/0.60	BC	2.80	FPE	APAF+TC	13.2	LSZH	Grey	177	101-BDSD41-083
6	1/0.60	BC	2.80	FPE	APAF+TC	15.8	LSZH	Grey	251	101-BDSD61-083
8	1/0.60	BC	2.80	FPE	APAF+TC	17.2	LSZH	Grey	324	101-BDSD81-083



SDI Video Cable - Green

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/0.60	BC	2.80	FPE	APAF+TC	4.5	LSZH	Green	27.9	101-BDSD02-083



SDI Video Cable - Violet

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/0.60	BC	2.80	FPE	APAF+TC	4.5	LSZH	Violet	27.9	101-BDSD03-083



SDI Video Cable - Turquoise

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/0.60	BC	2.80	FPE	APAF+TC	4.5	LSZH	Turquoise	27.9	101-BDSD05-083



SDI Video Cable - Cream

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/0.60	BC	2.80	FPE	APAF+TC	4.5	LSZH	Cream	27.9	101-BDSD09-083



SDI Video Cable - Black

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/0.60	BC	2.80	FPE	APAF+TC	4.5	LSZH	Black	27.9	101-BDSD00-083



BC	Bare Copper
TC	Tinned Copper
LSZH	Low Smoke Zero Halogen
PVC	Polyvinyl Chloride
APAF	Aluminium-polyester-aluminium foil
FPE	Foam Polyethylene



B1505A Type – Solid Conductor

SDI Video Cable - Black

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/0.80	BC	3.70	FHDPE	APT+TC	6.10	LSZH	Black	50.3	101-BDSD50-083



SDI Video Cable - Violet

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/0.80	BC	3.70	FHDPE	APT+TC	6.10	LSZH	Violet	50.3	101-BDSD53-083



B1505F Type – Stranded Conductor

SDI Video Cable - Black

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	7/AWG29	BC	3.68	FHDPE	TCx2	6.15	PVC	Black	59.4	101-BDSD50F-083



SDI Video Cable - Violet

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	7/AWG29	BC	3.68	FHDPE	TCx2	6.15	PVC	Violet	27.9	101-BDSD53F-083



BC	Bare Copper
TC	Tinned Copper
LSZH	Low Smoke Zero Halogen
PVC	Polyvinyl Chloride
APAF	Aluminium-polyester-aluminium foil
APT	Aluminium/Polyester tape
FHDPE	Fluorinated High Density Polyethylene
FPE	Foam Polyethylene
SC	Silvered Copper



SDI Video Cable - Grey

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/1.02	BC	4.45	FHDPE	APT+TC	7.0	LSZH	Grey	65	101-BDSD11-083
6	1/1.02	BC	4.45	FHDPE	APT+TC	23.2	LSZH/PVC	Grey/Grey	530	101-BDSD161-083



SDI Video Cable - Green

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/1.02	BC	4.45	FHDPE	APT+TC	7.0	LSZH	Green	65	101-BDSD12-083



SDI Video Cable - Violet

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/1.02	BC	4.45	FHDPE	APT+TC	7.0	LSZH	Violet	65	101-BDSD13-083
1	7/0.361	BC	4.572	FHDPE	TC x 2	7.0	PVC	Violet	74.4	101-BDSD13F-083



SDI Video Cable - Turquoise

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/1.02	BC	4.45	FHDPE	APT+TC	7.0	LSZH	Turquoise	65	101-BDSD15-083



SDI Video Cable - Cream

Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/1.02	BC	4.45	FHDPE	APT+TC	7.0	LSZH	Cream	65	101-BDSD19-083



SDI Video Cable - Black

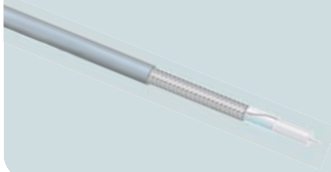
Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/1.02	BC	4.45	FHDPE	APT+TC	7.0	LSZH	Black	65	101-BDSD10-083
1	7/0.361	BC	4.572	FHDPE	TC x 2	7.0	PVC	Black	74.4	101-BDSD10F-083



BC	Bare Copper
TC	Tinned Copper
LSZH	Low Smoke Zero Halogen
PVC	Polyvinyl Chloride
APT	Aluminium/Polyester tape
FHDPE	Foamed High Density Poly Ethylene

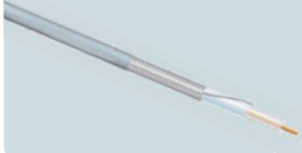


Flex 2/75



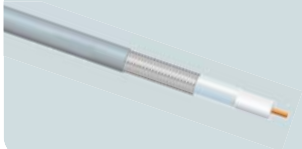
Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/0.28	SC	1.70	PE	Foil + TC	2.5	PVC	Grey/Grey	14.5	101-F665
4	1/0.28	SC	1.70	PE	Foil + TC	8.4	PVC	Grey/Grey	77	101-F3988
8	1/0.28	SC	1.70	PE	Foil + TC	10.0	PVC	Grey/Grey	135	101-F677
16	1/0.28	SC	1.70	PE	Foil + TC	14.9	PVC	Grey/Grey	242.2	101-F3989

Flex 3/75



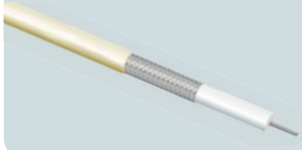
Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/0.40	BC	2.30	PE	Foil + TC	3.6	PVC	Grey/Grey	19.5	101-F666
4	1/0.40	BC	2.30	PE	Foil + TC	10.4	PVC	Grey/Grey	117.5	101-F5856
8	1/0.40	BC	2.30	PE	Foil + TC	11.2	PVC	Grey/Grey	200	101-F679
16	1/0.40	BC	2.30	PE	Foil + TC	18.7	PVC	Grey/Grey	392	101-F3345

Flex 3.9/75



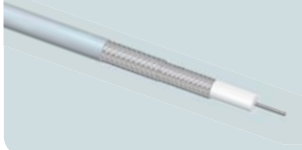
Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/0.50	BC	2.30	Foam + PE	Foil + TC	3.9	LSZH	Grey/Grey	22.3	101-F3975
4	1/0.50	BC	2.30	Foam + PE	Foil + TC	11	LSZH	Grey/Grey	139.4	101-F10030
8	1/0.50	BC	2.30	Foam + PE	Foil + TC	14.5	LSZH	Grey/Grey	266	101-F10031

Flex 4/75



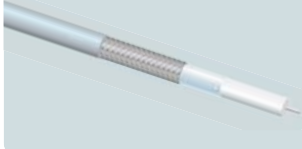
Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	7/0.20	TC	2.80	Foam PE	TC	4.5	PVC	Ivory	30.7	101-F667

Flex 5/75



Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	7/0.20	TC	2.80	Foam PE	TC x 2	4.7	PVC	Grey	35	101-F9796
4	7/0.20	TC	2.80	Foam PE	TC x 2	13.0	PVC	Grey	186.2	101-F10378
8	7/0.20	TC	2.80	Foam PE	TC x 2	17.3	PVC	Grey	355	101-F4015
16	7/0.20	TC	2.80	Foam PE	TC x 2	25.1	PVC	Grey	783	101-F4016

Flex 6/75



Cores	Inner Conductor		Dielectric		Screen	Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material		ø mm	Material	Colour		
1	1/0.80	SC	3.90	Foam + PE	Foli + TC	6.0	PVC	Grey	47.4	101-F669

BC	Bare Copper
LSZH	Low Smoke Zero Halogen
PVC	Polyvinyl Chloride
TC	Tinned Copper
PE	Polyethylene
SC	Silvered Copper



RG58

Description	Inner Conductor		Dielectric		Screen		Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material	Coverage	Material	ø mm	Material	Colour		
RG58C/U Type	19/0.18	TC	2.95	PE	80%	TCCA	4.95	PVC	Black	29.5	101-RG5880PVC
RG58C/U	19/0.18	TC	2.95	PE	86%	TC	4.95	PVC	Black	-	101-RG5886PVC
RG58C/U Mil-C-17F PVC	19/0.18	TC	2.95	PE	94%	TC	4.95	PVC	Black	35.5	101-RG5894PVC
RG58C/U Mil-C-17F LSZH	19/0.18	TC	2.95	PE	94%	TC	4.95	LSZH	Black	36.5	101-RG5894LSZH



RG142

Description	Inner Conductor		Dielectric		Screen		Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material	Coverage	Material	ø mm	Material	Colour		
RG142 B/U	1/0.95	CCS	2.95	PTFE	-	SC x 2	4.95	FEP	Brown	62	101-RG142BU



RG174

Description	Inner Conductor		Dielectric		Screen		Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material	Coverage	Material	ø mm	Material	Colour		
RG174A/U	7/0.16	CCS	1.52	PE	85%	TC	2.80	PVC	Black	12.5	101-RG17485PVC
RG174A/U Mil-C-17F PVC	7/0.16	CCS	1.52	PE	90%	TC	2.60	PVC	Black	13.5	101-RG17490PVC
RG174A/U Mil-C-17F LSZH	7/0.16	CCS	1.52	PE	90%	TC	2.60	LSZH	Black	14	101-RG17490LSZH



RG178

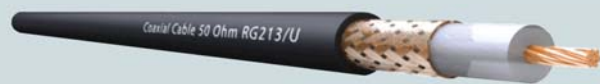
Description	Inner Conductor		Dielectric		Screen		Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material	Coverage	Material	ø mm	Material	Colour		
RG178 B/U	7/0.10	CCS	0.85	PTFE	-	SC	1.85	FEP	Brown	8.5	101-RG178BU



RG188

Description	Inner Conductor		Dielectric		Screen		Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material	Coverage	Material	ø mm	Material	Colour		
RG188 A/U	7/0.17	SC	1.52	PTFE	-	SC	2.60	FEP	Brown	-	101-RG188AU

AC	Annealed Copper	FEP	Fluorinated ethylene propylene	PVC	Polyvinyl Chloride
AF	Aluminium Foil	FPE	Foam Polyethylene	SC	Silvered Copper
BC	Bare Copper	LSZH	Low Smoke Zero Halogen	TC	Tinned Copper
CCA	Copper Clad Aluminium	PE	Polyethylene		
CCS	Copper Clad Steel	PTFE	Polytetrafluoroethylene		



RG213

Description	Inner Conductor		Dielectric		Screen		Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material	Coverage	Material	ø mm	Material	Colour		
RG213/U Type	7/0.75	BC	7.25	PE	98%	CCA	10.30	PVC	Black	116	101-RG21398PVCS
RG213/U MIL-C-17F PVC	7/0.75	BC	7.25	PE	98%	BC	10.30	PVC	Black	150	101-RG21398PVC
RG213/U MIL-C-17F LSZH	7/0.75	BC	7.25	PE	98%	BC	10.30	LSZH	Black	150	101-RG21398LSZH



RG214

Description	Inner Conductor		Dielectric		Screen		Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material	Coverage	Material	ø mm	Material	Colour		
RG214/U MIL-C-17F PVC	7/0.75	SC	7.25	PE	2/96,98%	SC	10.8	PVC	Black	205.3	101-RG21498PVC
RG214/U MIL-C-17F LSZH	7/0.75	SC	7.25	PE	2/96,98%	SC	10.8	LSZH	Black	205.3	101-RG21498LSZH



RG223

Description	Inner Conductor		Dielectric		Screen		Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material	Coverage	Material	ø mm	Material	Colour		
RG223/U MIL-C-17F LSZH	1/0.90	SC	2.95	PE	2/98,97%	SC	5.4	LSZH	Black	59.9	101-RG22398LSZH
RG223/U MIL-C-17F PVC	1/0.90	SC	2.95	PE	2/98,97%	SC	5.4	PVC	Black	59.9	101-RG21398PVC
RG223/U Type	1/0.90	SC	2.95	PE	2/85,80%	SC	5.4	PVC	Black	46.3	101-RG22398PVCS



RG316

Description	Inner Conductor		Dielectric		Screen		Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material	Coverage	Material	ø mm	Material	Colour		
RG316U	7/0.17	SC	1.52	PTFE	-	SC	2.50	FEP	Brown	16	101-316U



RG400

Description	Inner Conductor		Dielectric		Screen		Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material	Coverage	Material	ø mm	Material	Colour		
RG400 MIL-C-175	19/0.203	SC	2.95	PTFE	-	SC	4.95	FEP	Brown	62.4	101-RG400



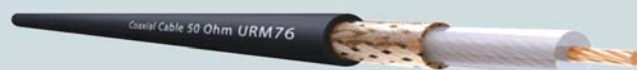
URM43

Description	Inner Conductor		Dielectric		Screen		Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material	Coverage	Material	ø mm	Material	Colour		
URM43 BS2316 PVC	1/0.19	AC	2.95	PE	91%	BC	5.0	PVC	Black	43	101-URM4391PVC
URM43 BS2316 LSZH	1/0.19	AC	2.95	PE	91%	BC	5.0	LSZH	Black	43	101-RURM4391LSZH



URM67

Description	Inner Conductor		Dielectric		Screen		Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material	Coverage	Material	ø mm	Material	Colour		
URM67 BS2316 PVC	7/0.75	BC	7.25	FPE	92%	BC	10.3	PVC	Black	160	101-URM6792PVC
URM67 BS2316 LSZH	7/0.75	BC	7.25	FPE	92%	BC	10.3	LSZH	Black	160	101-URM6792LSZH



URM76

Description	Inner Conductor		Dielectric		Screen		Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material	Coverage	Material	ø mm	Material	Colour		
URM76 BS2316 PVC	7/0.32	TC	2.95	PE	91%	BC	5.0	PVC	Black	37	101-URM7691PVC
URM76 BS2316 LSZH	7/0.32	TC	2.95	PE	91%	BC	5.0	LSZH	Black	37	101-URM7691LSZH



URM108

Description	Inner Conductor		Dielectric		Screen		Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material	Coverage	Material	ø mm	Material	Colour		
URM108	1/1.0	SC	2.95	PTFE	-	SC	4.50	FEP	Brown	-	

AC	Annealed Copper	FEP	Fluorinated ethylene propylene	PVC	Polyvinyl Chloride
AF	Aluminium Foil	FPE	Foam Polyethylene	SC	Silvered Copper
BC	Bare Copper	LSZH	Low Smoke Zero Halogen	TC	Tinned Copper
CCA	Copper Clad Aluminium	PE	Polyethylene		
CCS	Copper Clad Steel	PTFE	Polytetrafluoroethylene		



RG6

Description	Inner Conductor		Dielectric		Screen		Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material	Coverage	Material	ø mm	Material	Colour		
RG6/U	1/1.02	CCS	4.60	FPE	60%	AF	6.10	PVC	Black	-	101-5021800



RG11

Description	Inner Conductor		Dielectric		Screen		Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material	Coverage	Material	ø mm	Material	Colour		
RG11 A/U Type	7/0.40	TC	7.25	PE	98%	CCA	10.30	PVC	Black	145.2	101-RG11PVC
RG11 A/U MIL-C-17F	7/0.40	TC	7.25	PE	98%	BC	10.30	LSZH	Black	145.2	101-RG11LSZHMil



RG59

Description	Inner Conductor		Dielectric		Screen		Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material	Coverage	Material	ø mm	Material	Colour		
RG59B/U Type PVC	1/0.58	CCS	3.70	PE	80%	CCA	6.10	PVC	Black	37.5	101-RG5980PVC
RG59B/U PVC	1/0.58	CCS	3.70	PE	86%	BC	6.10	PVC	Black		101-RG5986PVC
RG59B/U MIL-C-17F (17G) PVC	1/0.59	CCS	3.70	PE	95%	BC	6.10	PVC	Black	44.5	101-RG5995PVC
RG59B/U MIL-C-17F (17G) LSZH	1/0.59	CCS	3.70	PE	95%	BC	6.10	LSZH	Black	45.5	101-RG5995LSZH
RG59B/U Type Duct Grade PE	1/0.58	CCS	3.70	PE	80%	CCA	6.10	PE	Black	30	101-RG5980PE
RG59B/U Duct Grade PE	1/0.58	CCS	3.70	PE	86%	BC	6.10	PE	Black		101-RG5986PE
RG59B/U MINI LSZH	1/0.41	CCS	1.90	FPE	70%	AF	3.60	LSZH	White	18	101-RG59MiniWhite

RG179
Flex

Description	Inner Conductor		Dielectric		Screen		Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material	Coverage	Material	ø mm	Material	Colour		
RG179 Flex LSZH	7/0.12	TC	1.60	FPE	98%	TC	2.60	LSZH	Black	13	101-RG179Flex
RG179 Single Core PVC	1/0.36	TC	1.60	FPE	95%	TC	2.60	PVC	Grey	-	101-7901-005
RG179 8 Core PVC	1/0.36	TC	1.60	FPE	95%	TC	11.0	PVC	Grey	-	101-7908-005
RG179 16 Core PVC	1/0.36	TC	1.60	FPE	95%	TC	14.8	PVC	Grey	-	101-7916-005



RG179B/U

Description	Inner Conductor		Dielectric		Screen		Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material	Coverage	Material	ø mm	Material	Colour		
RG179 B/U FEP	7/0.10	CCS	1.60	PTFE	-	TC	2.54	FEP	Brown	16	101-RG179BU

AC	Annealed Copper	FEP	Fluorinated ethylene propylene	PVC	Polyvinyl Chloride
AF	Aluminium Foil	FPE	Foam Polyethylene	SC	Silvered Copper
BC	Bare Copper	LSZH	Low Smoke Zero Halogen	TC	Tinned Copper
CCA	Copper Clad Aluminium	PE	Polyethylene		
CCS	Copper Clad Steel	PTFE	Polytetrafluoroethylene		



RG302/U

Description	Inner Conductor		Dielectric		Screen		Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material	Coverage	Material	ø mm	Material	Colour		
RG302/U FEP	1/0.64	CCS	3.70	PTFE	-	TC	2.54	FEP	Brown	16	101-RG302BU



URM70

Description	Inner Conductor		Dielectric		Screen		Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material	Coverage	Material	ø mm	Material	Colour		
URM70 BS2316 PVC	7/0.2	TC	3.25	PE	91%	BC	5.80	PVC	Black	46	101-URM7091PVC
URM70 BS2316 LSZH	7/0.2	TC	3.25	PE	91%	BC	5.80	LSZH	Black	46	101-URM7091LSZH



URM203

Description	Inner Conductor		Dielectric		Screen		Jacket			Kg/Km	Stock Code
	Strand (mm)	Material	ø mm	Material	Coverage	Material	ø mm	Material	Colour		
URM203 BS2316 PVC	1/1.2	AC	5.10	FPE	57%	BC	7.25	PVC	Black	55.7	101-URM20357PVC
URM203 BS2316 LSZH	1/1.2	AC	5.10	FPE	57%	BC	7.25	LSZH	Black	55.7	101-URM20357LSZH



LMR®-100A

Flexible Low Loss Communications Coax

- Jumper Assemblies in Wireless Communication Systems
- Short Antenna Feeder runs
- Any application (e.g. WLL, GPS, LMR, WLAN, WISP, WiMax, SCADA, Mobile Antennas) requiring an easily routed, low loss RF cable
- Drop-in replacement for RG-316/RG-174 (uses standard connectors)

Electrical		
Performance Property	Metric	US
Velocity of Propagation	66%	
Dielectric Constant	2.30	
Time Delay	5.05 nS/m	1.54 nS/ft
Impedance	50 ohms	
Capacitance	101.1 pF/m	30.8 pF/ft
Inductance	0.25 uH/m	0.077 uH/ft
Shielding Effectiveness	>90 dB	
DC Resistance		
Inner Conductor	266 ohms/km	81.0 ohms/1000ft
Outer Conductor	31.2 ohms/km	9.5 ohms/1000ft
Voltage Withstand	500 Volts DC	
Jacket Spark	2000 Volts RMS	
Peak Power	0.6 kW	

Construction			
Description	Material	mm	Inches
Inner Conductor	Solid BCCS	0.46	0.018
Dielectric	Solid PE	1.52	0.060
Outer Conductor	Aluminium Tape	1.65	0.065
Overall Braid	Tinned Copper	2.11	0.083
Jacket	(See Below)	2.79	0.110

Mechanical		
Performance Property	Metric	US
Bend Radius: installation	6.4mm	0.25"
Bend Radius: repeated	25.4mm	1.0"
Bending Moment	0.014 N-m	0.1 ft-lb
Weight	0.014 kg/m	0.00092 lb/ft
Tensile Strength	6.8 kg	15 lb
Flat Plate Crush	0.18 kg/mm	10 lb/in.

Environmental		
Performance Property	°C	°F
Installation Temp. Range	-40/+85	-40+185
Storage Temp. Range	-70/+85	-94+185
Operating Temp. Range	-40/+85	-40/+185

Flexibility and bendability are hallmarks of the LMR®-100A cable design. The flexible outer conductor enables the tightest bend radius available for any cable of similar size and performance.



LMR®-100A-FR is a non-halogen (non-toxic), low smoke, fire retardant cable designed for in-building runs that can be routed anywhere except air handling plenums.

Model	Application	Jacket	Colour	Stock Code
LMR-100A-FR	Indoor/Outdoor Riser CMR	FRPE	Black	101-54037

LMR®-100A-PVC is designed for low loss general purpose indoor/outdoor applications and is somewhat more flexible than the standard polyethylene jacketed LMR.

Model	Application	Jacket	Colour	Stock Code
LMR-100A-PVC	Indoor/Outdoor	PVC	Black	101-54119
LMR-100A-PVC-W	Indoor/Outdoor	PVC	White	101-54200

Available in white also, for marine and other indoor/outdoor applications where colour compatibility is desired.



LMR®- 195

Flexible Low Loss Communications Coax

- Jumper Assemblies in Wireless Communication Systems
- Short Antenna Feeder runs
- Any application (e.g. WLL, GPS, LMR, Mobile Antennas) requiring an easily routed, low loss RF cable
- Drop-in replacement for RG-58 and RG-142

Construction			
Description	Material	mm	Inches
Inner Conductor	Solid BC	0.94	0.037
Dielectric	Foam PE	2.79	0.110
Outer Conductor	Aluminium Tape	2.95	0.116
Overall Braid	Tinned Copper	3.53	0.139
Jacket	(See Below)	4.95	0.195

Flexibility and bendability are hallmarks of the LMR-195 cable design. The flexible outer conductor enables the tightest bend radius available for any cable of similar size and performance.



LMR® standard is a UV Resistant Polyethylene jacketed cable designed for 20-year service outdoor use. The bending and handling characteristics are significantly better than air-dielectric and corrugated hard-line cables.

Model	Application	Jacket	Colour	Stock Code
LMR-195	Outdoor	PE	Black	101-54110

LMR®- DB is identical to standard LMR plus has the advantage of being watertight. The addition of waterproofing compound in and around the foil/braid insures continuous reliable service should the jacket be inadvertently damaged during installation or in the future.

Model	Application	Jacket	Colour	Stock Code
LMR-195-DB	Outdoor/Watertight	PE	Black	101-54113

LMR®- FR is a non-halogen (non-toxic), low smoke, fire retardant cable designed for in-building runs that can be routed anywhere except air handling plenums. LMR-FR is UL/NEC & CSA rated 'CMR' and 'FT4' respectively, meets FAA FAR25 requirements and is MSHA-P for mining applications.

Model	Application	Jacket	Colour	Stock Code
LMR-195-FR	Indoor/Outdoor-Riser CMR	FRPE	Black	101-54111
LMR-195-FR-W	Indoor/Outdoor-Riser CMR	FRPE	White	101-54158

LMR®- FR-PVC is a general-purpose indoor cable and has a UL/NEC & CSA rating of 'CMR' and 'FT4' respectively. It is less expensive than LMR-FR, however it emits toxic fumes (HCL) and greater smoke density when burned.

Model	Application	Jacket	Colour	Stock Code
LMR-195-FR-PVC	Indoor/Outdoor-Riser CMR	FRPVC	Black	101-54105

LMR®- PVC is designed for low loss general-purpose indoor/outdoor applications and is somewhat more flexible than the standard polyethylene jacketed LMR. Available in white also, for marine and other indoor/outdoor applications where colour compatibility is desired.

Model	Application	Jacket	Colour	Stock Code
LMR-195-PVC	Indoor/Outdoor	PVC	Black	101-54215
LMR-195-PVC-W	Indoor/Outdoor	PVC	White	101-54199

LMR®- MA is a flexible cable designed specifically for mobile antenna applications. It has a PVC jacket and un-bonded aluminium tape to facilitate end stripping with automated equipment.

Model	Application	Jacket	Colour	Stock Code
LMR-195-MA	Mobile Antennas	PVC	Black	101-54210



LMR®-200

Flexible Low Loss Communications Coax

- Jumper Assemblies in Wireless Communication Systems
- Short Antenna Feeder runs
- Any application (e.g. WLL, GPS, LMR, WLAN, WISP, WiMax, SCADA, Mobile Antennas) requiring an easily routed, low loss RF cable

Construction			
Description	Material	mm	Inches
Inner Conductor	Solid BC	1.12	0.044
Dielectric	Foam PE	2.95	0.116
Outer Conductor	Aluminium Tape	3.07	0.121
Overall Braid	Tinned Copper	3.66	0.144
Jacket	(See Below)	4.95	0.195

Flexibility and bendability are hallmarks of the LMR-200 cable design. The flexible outer conductor enables the tightest bend radius available for any cable of similar size and performance.



LMR® standard is a UV Resistant Polyethylene jacketed cable designed for 20-year service outdoor use. The bending and handling characteristics are significantly better than air-dielectric and corrugated hard-line cables.

Model	Application	Jacket	Colour	Stock Code
LMR-200	Outdoor	PE	Black	101-54022

LMR®-DB is identical to standard LMR plus has the advantage of being watertight. The addition of waterproofing compound in and around the foil/braid insures continuous reliable service should the jacket be inadvertently damaged during installation or in the future.

Model	Application	Jacket	Colour	Stock Code
LMR-200-DB	Outdoor/Watertight	PE	Black	101-54089

LMR®-FR is a non-halogen (non-toxic), low smoke, fire retardant cable designed for in-building runs that can be routed anywhere except air handling plenums. LMR-FR is UL/NEC & CSA rated 'CMR' and 'FT4' respectively, meets FAA FAR25 requirements and is MSHA-P for mining applications.

Model	Application	Jacket	Colour	Stock Code
LMR-200-FR	Indoor/Outdoor-Riser CMR	FRPE	Black	101-54028

LMR®-FR-PVC is a general-purpose indoor cable and has a UL/NEC & CSA rating of 'CMR' and 'FT4' respectively. It is less expensive than LMR-FR, however it emits toxic fumes (HCL) and greater smoke density when burned.

Model	Application	Jacket	Colour	Stock Code
LMR-200-FR-PVC	Indoor/Outdoor-Riser CMR	FRPVC	Black	101-54125

LMR®-PVC is designed for low loss general-purpose indoor/outdoor applications and is somewhat more flexible than the standard polyethylene jacketed LMR. Available in white also, for marine and other indoor/outdoor applications where colour compatibility is desired.

Model	Application	Jacket	Colour	Stock Code
LMR-200-PVC	General Purpose	PVC	Black	101-54216
LMR-200-PVC-W	General Purpose	PVC	White	101-54201

LMR®-MA is a flexible cable designed specifically for mobile antenna applications. It has a PVC jacket and un-bonded aluminium tape to facilitate end stripping with automated equipment.

Model	Application	Jacket	Colour	Stock Code
LMR-195-MA	Mobile Antennas	PVC	Black	101-54045



LMR®- 240

Flexible Low Loss Communications Coax

- Jumper Assemblies in Wireless Communication Systems
- Short Antenna Feeder runs
- Any application (e.g. WLL, GPS, LMR, WLAN, WISP, WiMax, SCADA, Mobile Antennas) requiring an easily routed, low loss RF cable

Construction			
Description	Material	mm	Inches
Inner Conductor	Solid BC	1.42	0.056
Dielectric	Foam PE	3.81	0.150
Outer Conductor	Aluminium Tape	3.94	0.155
Overall Braid	Tinned Copper	4.52	0.178
Jacket	(See Below)	6.10	0.240

Flexibility and bendability are hallmarks of the LMR-240 cable design. The flexible outer conductor enables the tightest bend radius available for any cable of similar size and performance.



LMR® standard is a UV Resistant Polyethylene jacketed cable designed for 20-year service outdoor use. The bending and handling characteristics are significantly better than air-dielectric and corrugated hard-line cables.

Model	Application	Jacket	Colour	Stock Code
LMR-240	Outdoor	PE	Black	101-54021

LMR®- DB is identical to standard LMR plus has the advantage of being watertight. The addition of waterproofing compound in and around the foil/braid insures continuous reliable service should the jacket be inadvertently damaged during installation or in the future.

Model	Application	Jacket	Colour	Stock Code
LMR-240-DB	Outdoor/Watertight	PE	Black	101-54090

LMR®- FR is a non-halogen (non-toxic), low smoke, fire retardant cable designed for in-building runs that can be routed anywhere except air handling plenums. LMR-FR is UL/NEC & CSA rated 'CMR' and 'FT4' respectively, meets FAA FAR25 requirements and is MSHA-P for mining applications.

Model	Application	Jacket	Colour	Stock Code
LMR-240-FR	Indoor/Outdoor-Riser CMR	FRPE	Black	101-54029

LMR®- FR-PVC is a general-purpose indoor cable and has a UL/NEC & CSA rating of 'CMR' and 'FT4' respectively. It is less expensive than LMR-FR, however it emits toxic fumes (HCL) and greater smoke density when burned.

Model	Application	Jacket	Colour	Stock Code
LMR-240-FR-PVC	Indoor/Outdoor-Riser CMR	FRPVC	Black	101-54214

LMR®- PVC is designed for low loss general-purpose indoor/outdoor applications and is somewhat more flexible than the standard polyethylene jacketed LMR. Available in white also, for marine and other indoor/outdoor applications where colour compatibility is desired.

Model	Application	Jacket	Colour	Stock Code
LMR-240-PVC	General Purpose	PVC	Black	101-54140
LMR-240-PVC-W	General Purpose	PVC	White	101-54202

LMR®- MA is a flexible cable designed specifically for mobile antenna applications. It has a PVC jacket and un-bonded aluminium tape to facilitate end stripping with automated equipment.

Model	Application	Jacket	Colour	Stock Code
LMR-240-MA	Mobile Antennas	PVC	Black	101-54046



LMR® - 300

Flexible Low Loss Communications Coax

- Jumper Assemblies in Wireless Communication Systems
- Short Antenna Feeder runs
- Any application (e.g. WLL, GPS, LMR, WLAN, WISP, WiMax, SCADA, Mobile Antennas) requiring an easily routed, low loss RF cable

Construction			
Description	Material	mm	Inches
Inner Conductor	Solid BC	1.78	0.070
Dielectric	Foam PE	4.83	0.190
Outer Conductor	Aluminium Tape	4.98	0.196
Overall Braid	Tinned Copper	5.72	0.225
Jacket	(See Below)	7.62	0.300

Flexibility and bendability are hallmarks of the LMR-300 cable design. The flexible outer conductor enables the tightest bend radius available for any cable of similar size and performance.



LMR® standard is a UV Resistant Polyethylene jacketed cable designed for 20-year service outdoor use. The bending and handling characteristics are significantly better than air-dielectric and corrugated hard-line cables.

Model	Application	Jacket	Colour	Stock Code
LMR-300	Outdoor	PE	Black	101-54086

LMR® - DB is identical to standard LMR plus has the advantage of being watertight. The addition of waterproofing compound in and around the foil/braid insures continuous reliable service should the jacket be inadvertently damaged during installation or in the future.

Model	Application	Jacket	Colour	Stock Code
LMR-300-DB	Outdoor/Watertight	PE	Black	101-54114

LMR® - FR is a non-halogen (non-toxic), low smoke, fire retardant cable designed for in-building runs that can be routed anywhere except air handling plenums. LMR-FR is UL/NEC & CSA rated 'CMR' and 'FT4' respectively, meets FAA FAR25 requirements and is MSHA-P for mining applications.

Model	Application	Jacket	Colour	Stock Code
LMR-300-FR	Indoor/Outdoor-Riser CMR	FRPE	Black	101-54087

LMR® - FR-PVC is a general-purpose indoor cable and has a UL/NEC & CSA rating of 'CMR' and 'FT4' respectively. It is less expensive than LMR-FR, however it emits toxic fumes (HCL) and greater smoke density when burned.

Model	Application	Jacket	Colour	Stock Code
LMR-300-FR-PVC	Indoor/Outdoor-Riser CMR	FRPVC	Black	101-54108

LMR® - PVC is designed for low loss general-purpose indoor/outdoor applications and is somewhat more flexible than the standard polyethylene jacketed LMR. Available in white also, for marine and other indoor/outdoor applications where colour compatibility is desired.

Model	Application	Jacket	Colour	Stock Code
LMR-300-PVC	General Purpose	PVC	Black	101-54217
LMR-300-PVC-W	General Purpose	PVC	White	101-54203



LMR®- 400

Flexible Low Loss Communications Coax

- Drop-in replacement for RG-8/9913 Air-Dielectric type Cable
- Jumper Assemblies in Wireless Communication Systems
- Short Antenna Feeder runs
- Any application (e.g. WLL, GPS, LMR, WLAN, WISP, WiMax, SCADA, Mobile Antennas) requiring an easily routed, low loss RF cable

Construction			
Description	Material	mm	Inches
Inner Conductor	Solid BC	2.74	0.108
Dielectric	Foam PE	7.24	0.285
Outer Conductor	Aluminium Tape	7.39	0.291
Overall Braid	Tinned Copper	8.13	0.320
Jacket	(See Below)	10.29	0.405

Flexibility and bendability are hallmarks of the LMR-400 cable design. The flexible outer conductor enables the tightest bend radius available for any cable of similar size and performance.



LMR® standard is a UV Resistant Polyethylene jacketed cable designed for 20-year service outdoor use. The bending and handling characteristics are significantly better than air-dielectric and corrugated hard-line cables.

Model	Application	Jacket	Colour	Stock Code
LMR-400	Outdoor	PE	Black	101-54001

LMR®- DB is identical to standard LMR plus has the advantage of being watertight. The addition of waterproofing compound in and around the foil/braid insures continuous reliable service should the jacket be inadvertently damaged during installation or in the future.

Model	Application	Jacket	Colour	Stock Code
LMR-400-DB	Outdoor/Watertight	PE	Black	101-54091

LMR®- FR is a non-halogen (non-toxic), low smoke, fire retardant cable designed for in-building runs that can be routed anywhere except air handling plenums. LMR-FR is UL/NEC & CSA rated 'CMR' and 'FT4' respectively, meets FAA FAR25 requirements and is MSHA-P for mining applications.

Model	Application	Jacket	Colour	Stock Code
LMR-400-FR	Indoor/Outdoor-Riser CMR	FRPE	Black	101-54030

LMR®- FR-PVC is a general-purpose indoor cable and has a UL/NEC & CSA rating of 'CMR' and 'FT4' respectively. It is less expensive than LMR-FR, however it emits toxic fumes (HCL) and greater smoke density when burned.

Model	Application	Jacket	Colour	Stock Code
LMR-400-FR-PVC	Indoor/Outdoor-Riser CMR	FRPVC	Black	101-54073

LMR®- PVC is designed for low loss general-purpose indoor/outdoor applications and is somewhat more flexible than the standard polyethylene jacketed LMR. Available in white also, for marine and other indoor/outdoor applications where colour compatibility is desired.

Model	Application	Jacket	Colour	Stock Code
LMR-400-PVC	General Purpose	PVC	Black	101-54218
LMR-400-PVC-W	General Purpose	PVC	White	101-54204

**LMR® - 500****Flexible Low Loss Communications Coax**

- Jumper Assemblies in Wireless Communication Systems
- Short Antenna Feeder runs
- Any application (e.g. WLL, GPS, LMR, WLAN, WISP, WiMax, SCADA, Mobile Antennas) requiring an easily routed, low loss RF cable

Construction			
Description	Material	mm	Inches
Inner Conductor	Solid BCCAl	3.61	0.142
Dielectric	Foam PE	9.40	0.370
Outer Conductor	Aluminium Tape	9.55	0.376
Overall Braid	Tinned Copper	10.29	0.405
Jacket	(See Below)	12.70	0.500

Flexibility and bendability are hallmarks of the LMR-500 cable design. The flexible outer conductor enables the tightest bend radius available for any cable of similar size and performance.



LMR® standard is a UV Resistant Polyethylene jacketed cable designed for 20-year service outdoor use. The bending and handling characteristics are significantly better than air-dielectric and corrugated hard-line cables.

Model	Application	Jacket	Colour	Stock Code
LMR-500	Outdoor	PE	Black	101-54002

LMR®- DB is identical to standard LMR plus has the advantage of being watertight. The addition of waterproofing compound in and around the foil/braid insures continuous reliable service should the jacket be inadvertently damaged during installation or in the future.

Model	Application	Jacket	Colour	Stock Code
LMR-500-DB	Outdoor/Watertight	PE	Black	101-54092

LMR®- FR is a non-halogen (non-toxic), low smoke, fire retardant cable designed for in-building runs that can be routed anywhere except air handling plenums. LMR-FR is UL/NEC & CSA rated 'CMR' and 'FT4' respectively, meets FAA FAR25 requirements and is MSHA-P for mining applications.

Model	Application	Jacket	Colour	Stock Code
LMR-500-FR	Indoor/Outdoor-Riser CMR	FRPE	Black	101-54031

**LMR®- 600****Flexible Low Loss Communications Coax**

- Jumper Assemblies in Wireless Communication Systems
- Short Antenna Feeder runs
- Any application (e.g. WLL, GPS, LMR, WLAN, WISP, WiMax, SCADA, Mobile Antennas) requiring an easily routed, low loss RF cable

Construction			
Description	Material	mm	Inches
Inner Conductor	Solid BCCAl	4.47	0.176
Dielectric	Foam PE	11.56	0.455
Outer Conductor	Aluminium Tape	11.71	0.461
Overall Braid	Tinned Copper	12.45	0.490
Jacket	(See Below)	14.99	0.590

Flexibility and bendability are hallmarks of the LMR-600 cable design. The flexible outer conductor enables the tightest bend radius available for any cable of similar size and performance.



LMR® standard is a UV Resistant Polyethylene jacketed cable designed for 20-year service outdoor use. The bending and handling characteristics are significantly better than air-dielectric and corrugated hard-line cables.

Model	Application	Jacket	Colour	Stock Code
LMR-600	Outdoor	PE	Black	101-54003

LMR®- DB is identical to standard LMR plus has the advantage of being watertight. The addition of waterproofing compound in and around the foil/braid insures continuous reliable service should the jacket be inadvertently damaged during installation or in the future.

Model	Application	Jacket	Colour	Stock Code
LMR-600-DB	Outdoor/Watertight	PE	Black	101-54093

LMR®- FR is a non-halogen (non-toxic), low smoke, fire retardant cable designed for in-building runs that can be routed anywhere except air handling plenums. LMR-FR is UL/NEC & CSA rated 'CMR' and 'FT4' respectively, meets FAA FAR25 requirements and is MSHA-P for mining applications.

Model	Application	Jacket	Colour	Stock Code
LMR-600-FR	Indoor/Outdoor-Riser CMR	FRPE	Black	101-54032

LMR®- FR-PVC is a general-purpose indoor cable and has a UL/NEC & CSA rating of 'CMR' and 'FT4' respectively. It is less expensive than LMR-FR, however it emits toxic fumes (HCL) and greater smoke density when burned.

Model	Application	Jacket	Colour	Stock Code
LMR-600-FR-PVC	Indoor/Outdoor-Riser CMR	FRPVC	Black	101-54074

LMR®- PVC is designed for low loss general-purpose indoor/outdoor applications and is somewhat more flexible than the standard polyethylene jacketed LMR. Available in white also, for marine and other indoor/outdoor applications where colour compatibility is desired.

Model	Application	Jacket	Colour	Stock Code
LMR-600-PVC	General Purpose	PVC	Black	101-54219
LMR-600-PVC-W	General Purpose	PVC	White	101-54206



LMR® - 900

Flexible Low Loss Communications Coax

- Medium Antenna Feeder runs (no jumpers required)
- Jumper Assemblies for 1-5/8" & 2-1/4" Feeders
- Any application (e.g. WLL, GPS, LMR, WLAN, WISP, WiMax, SCADA, Mobile Antennas) requiring an easily routed, low loss RF cable

Construction			
Description	Material	mm	Inches
Inner Conductor	BC Tube (.222" ID)	6.65	0.262
Dielectric	Foam PE	17.27	0.680
Outer Conductor	Aluminium Tape	17.42	0.686
Overall Braid	Tinned Copper	18.59	0.732
Jacket	(See Below)	22.10	0.870

Flexibility and bendability are hallmarks of the LMR-900 cable design. The flexible outer conductor enables the tightest bend radius available for any cable of similar size and performance.



LMR® - DB is identical to standard LMR plus has the advantage of being watertight. The addition of waterproofing compound in and around the foil/braid insures continuous reliable service should the jacket be inadvertently damaged during installation or in the future.

Model	Application	Jacket	Colour	Stock Code
LMR-900-DB	Outdoor/Watertight	PE	Black	101-54094

LMR® - FR is a non-halogen (non-toxic), low smoke, fire retardant cable designed for in-building runs that can be routed anywhere except air handling plenums. LMR-FR is UL/NEC & CSA rated 'CMR' and 'FT4' respectively, meets FAA FAR25 requirements and is MSHA-P for mining applications.

Model	Application	Jacket	Colour	Stock Code
LMR-900-FR	Indoor/Outdoor-Riser CMR	FRPE	Black	101-54033

**LMR®- 1200****Flexible Low Loss Communications Coax**

- Medium Antenna Feeder runs
- Jumper Assemblies for 1-5/8" & 2-1/4" Feeders
- Building-Top Sites
- Any application (e.g. WLL, GPS, LMR, WLAN, WISP, WiMax, SCADA, Mobile Antennas) requiring an easily routed, low loss RF cable

Construction			
Description	Material	mm	Inches
Inner Conductor	BC Tube (.309" ID)	8.86	0.349
Dielectric	Foam PE	23.37	0.920
Outer Conductor	Aluminium Tape	23.52	0.926
Overall Braid	Tinned Copper	24.69	0.972
Jacket	(See Below)	30.48	1.200

Flexibility and bendability are hallmarks of the LMR-1200 cable design. The flexible outer conductor enables the tightest bend radius available for any cable of similar size and performance.



LMR®- DB is identical to standard LMR plus has the advantage of being watertight. The addition of waterproofing compound in and around the foil/braid insures continuous reliable service should the jacket be inadvertently damaged during installation or in the future.

Model	Application	Jacket	Colour	Stock Code
LMR-1200-DB	Outdoor/Watertight	PE	Black	101-54095

LMR®- FR is a non-halogen (non-toxic), low smoke, fire retardant cable designed for in-building runs that can be routed anywhere except air handling plenums. LMR-FR is UL/NEC & CSA rated 'CMR' and 'FT4' respectively, meets FAA FAR25 requirements and is MSHA-P for mining applications.

Model	Application	Jacket	Colour	Stock Code
LMR-1200-FR	Indoor/Outdoor-Riser CMR	FRPE	Black	101-54034

**LMR®- 1700****Flexible Low Loss Communications Coax**

- Long Antenna Feeder runs
- Building-Top Sites
- Any application (e.g. WLL, GPS, LMR, WLAN, WISP, WiMax, SCADA, Mobile Antennas) requiring an easily routed, low loss RF cable

Construction			
Description	Material	mm	Inches
Inner Conductor	BC Tube (.477" ID)	13.39	0.527
Dielectric	Foam PE	34.29	1.350
Outer Conductor	Aluminium Tape	34.44	1.356
Overall Braid	Tinned Copper	35.61	1.402
Jacket	(See Below)	42.42	1.670

Flexibility and bendability are hallmarks of the LMR-1700 cable design. The flexible outer conductor enables the tightest bend radius available for any cable of similar size and performance.



LMR®- DB is identical to standard LMR plus has the advantage of being watertight. The addition of waterproofing compound in and around the foil/braid insures continuous reliable service should the jacket be inadvertently damaged during installation or in the future.

Model	Application	Jacket	Colour	Stock Code
LMR-1700-DB	Outdoor/Watertight	PE	Black	101-54096

LMR®- FR is a non-halogen (non-toxic), low smoke, fire retardant cable designed for in-building runs that can be routed anywhere except air handling plenums. LMR-FR is UL/NEC & CSA rated 'CMR' and 'FT4' respectively, meets FAA FAR25 requirements and is MSHA-P for mining applications.

Model	Application	Jacket	Colour	Stock Code
LMR-1700-FR	Indoor/Outdoor-Riser CMR	FRPE	Black	101-54035

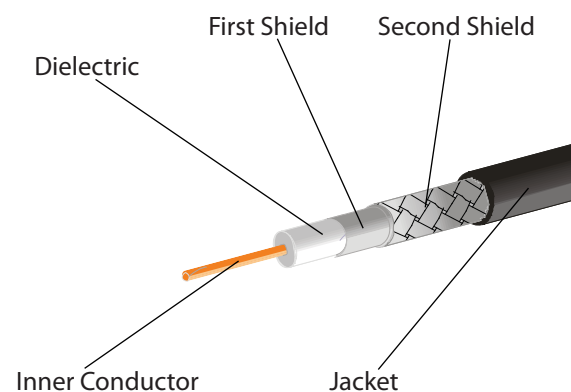


Construction

Item	Material	Diameter (inch)	Diameter (mm)
Inner Conductor	Stranded BC	0.056	1.42
Dielectric	Foam PE	0.150	3.81
First Shield	AL/P(Bonded)	0.155	3.94
Second Shield	TC Wire Braid (91% Coverage)	0.178	4.52
Jacket Black	TPE	0.240	6.10

Electrical Characteristics

Impedance (Ω)	50 $\pm$ 3	
Capacitance (pF/m)	78 $\pm$ 3	
Velocity Ratio (%)	>84	
Return Loss	5-470 MHz	>22 dB
	470-862 MHz	>16 dB
Insulation Resistance (M Ω /km)	>100,000	
Screening Effectiveness	30-1000 MHz	>85 dB
Inner Conductor DCR (Ω /km)	<14.5	
Outer Shield DCR (Ω /km)	<11.3	
Outdoor Installation ($^{\circ}$ C)	-5	
Operating Temp Range ($^{\circ}$ C)	-40 to +85	

Attenuation (@ 20 $^{\circ}$ C)

Frequency (MHz)	Max Attenuation (dB/100ft)	Max Attenuation (dB/100m)
30	16.57	5.05
50	21.46	6.54
150	37.60	11.46
220	45.80	13.96
450	66.47	20.26
900	95.90	29.23
1500	126.18	38.46
1800	139.34	42.47
2000	147.60	44.99
2500	166.90	50.87
5000	268.34	81.79



Construction

Item	Material	Diameter (inch)	Diameter (mm)
Inner Conductor	CCA	0.07	1.78
Dielectric	Foam PE	0.19	4.83
First Shield	Bonded Aluminium	0.196	4.98
Second Shield	Tinned Copper wire Braid	0.225	5.72
Jacket	PE (Black)	0.3	7.62

Electrical Characteristics

Impedance (Ω)	50 $\pm$ 2
Capacitance (pF/m)	75 $\pm$ 3
Velocity of Propagation (%)	85
Return Loss (dB)	21
Screening Effectiveness (dB)	90
Inner Conductor DCR (Ω /km)	11
Outer Shield DCR (Ω /km)	7.5
Voltage withstand (Volts DC)	2000
Installation Temp Range ($^{\circ}$ C)	-40 to +85
Operating Temp Range ($^{\circ}$ C)	-40 to +85

Attenuation (@ 20 $^{\circ}$ C)

Frequency (MHz)	Max Attenuation (dB/100ft)	Max Attenuation (dB/100m)
50	14.96	4.56
150	25.82	7.87
220	31.20	9.51
300	36.84	11.23
450	45.21	13.78
500	47.97	14.62
900	65.65	20.01
960	67.91	20.70
1500	85.04	25.92
1800	94.75	28.88
1900	96.75	29.49
2000	99.02	30.18
2200	105.48	32.15
2500	111.94	34.12



Construction

Item	Material	Diameter (inch)	Diameter (mm)
Inner Conductor	CCA	0.108	2.74
Dielectric	Foam PE	0.285	7.24
First Shield	Bonded Aluminium	0.291	7.39
Second Shield	Tinned Copper wire Braid	0.320	8.13
Jacket	PE (Black)	0.400	10.16

Electrical Characteristics

Impedance (Ω)	50 $\pm$ 3
Capacitance (pF/m)	75 $\pm$ 3
Velocity of Propagation (%)	82
Return Loss (dB)	21
Screening Effectiveness (dB)	90
Inner Conductor DCR (Ω /km)	4.6
Outer Shield DCR (Ω /km)	5.6
Voltage withstand (Volts DC)	2500.00
Installation Temp Range ($^{\circ}$ C)	-40 to +85
Operating Temp Range ($^{\circ}$ C)	-40 to +85

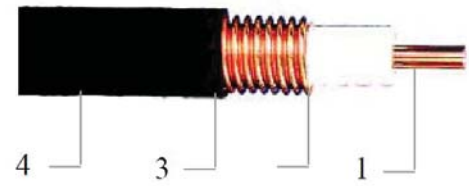
Attenuation (@ 20 $^{\circ}$ C)

Frequency (MHz)	Max Attenuation (dB/100ft)	Max Attenuation (dB/100m)
30	0.7	2.2
50	0.9	2.9
150	1.5	5.0
220	1.9	6.1
450	2.7	8.9
900	3.9	12.8
1500	5.1	16.8
1800	5.7	18.6
2000	6.0	19.6
2500	6.8	22.2
5800	10.8	35.5



1/4" Superflexible Foamed Coaxial Cable

Description	Type	Stock Code
PE	RF5014S	115-3110101
Fire Retardant PE	RF5014S Z	115-3110102



1. Inner Conductor
2. Insulation
3. Outer conductor
4. Jacket

Construction		
Inner Conductor	Material	Copper clad aluminum wire
	Diameter, mm	1.90±0.02
Insulation	Material	Physically foamed PE
	Diameter, mm	4.70±0.20
Outer conductor	Material	Helically corrugated copper
	Diameter, mm	6.40±0.20
Jacket	Material	PE or fire retardant PE
	Diameter, mm	7.40±0.20

Mechanical properties		
Bending Radius, mm	Single	20
	Repeated	25
	Moving	-
Pulling strength, N	680	
Crush resistance, kg/mm	1.8	
Recommended temperature °C	PE	FRPE
Store	-70~+85	-30~+80
Installation	-40~+60	-25~+60
Operation	-55~+85	-30~+80

Electrical Properties	
Impedance, Ω	50±1
Capacitance, PF/m	79.4
Propagation velocity, %	84
DC breakdown voltage, kV	1.6
Insulation resistance, MΩ·km	>5×10 ³
Peak power, kW	6.4
Screening attenuation, dB	>>120
Cut-off frequency, GHz	20.4

Attenuation and average power

Frequency MHz	Nom. attenuation @20°C, dB/100m	Power rate @20°C, kW
10	1.83	3.97
100	5.89	1.23
200	8.41	0.865
450	12.80	0.567
800	17.40	0.419
900	18.40	0.395
1000	19.60	0.372
1500	24.30	0.299
1800	26.90	0.271
2000	28.50	0.256
2300	30.70	0.237
3000	35.60	0.204

Maximum attenuation value shall be 105% of the nominal attenuation value

VSWR	
800~1000MHz	≤1.15
1700~2200MHz	≤1.15
5~3000MHz	≤1.25



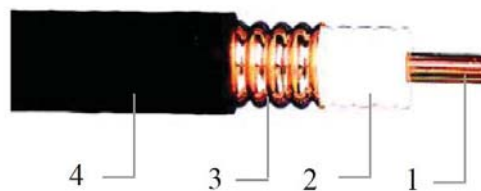
1/4" Low Loss Foamed Coaxial Cable

Description	Type	Stock Code
PE	RF5014	115-3110201
Fire Retardant PE	RF5014 Z	115-3110202

Construction		
Inner Conductor	Material	Copper clad aluminum wire
	Diameter, mm	2.60±0.025
Insulation	Material	Physically foamed PE
	Diameter, mm	6.35±0.20
Outer conductor	Material	Ring corrugated copper
	Diameter, mm	7.75±0.20
Jacket	Material	PE or fire retardant PE
	Diameter, mm	8.80±0.20

Mechanical properties		
Bending Radius, mm	Single	30
	Repeated	76
	Moving	-
Pulling strength, N	910	
Crush resistance, kg/mm	1.4	
Recommended temperature °C	PE	FRPE
Store	-70~+85	-30~+80
Installation	-40~+60	-25~+60
Operation	-55~+85	-30~+80

Electrical Properties	
Impedance, Ω	50±1
Capacitance, PF/m	76.8
Propagation velocity, %	86
DC breakdown voltage, kV	2.2
Insulation resistance, MΩ·km	>5×10 ³
Peak power, kW	12.1
Screening attenuation, dB	>>120
Cut-off frequency, GHz	15.8



1. Inner Conductor
2. Insulation
3. Outer conductor
4. Jacket

Attenuation and average power		
Frequency MHz	Nom. attenuation @20°C,dB/100m	Power rate @20°C,kW
10	1.25	5.79
100	4.05	1.79
200	5.80	1.25
450	8.88	0.818
800	12.10	0.601
900	12.80	0.566
1000	13.60	0.533
1500	17.00	0.426
1800	18.90	0.385
2000	20.00	0.363
2300	21.60	0.336
3000	25.20	0.269
Maximum attenuation value shall be 105% of the nominal attenuation value		
VSWR		
800~1000MHz	≤1.15	
1700~2200MHz	≤1.15	
5~3000MHz	≤1.25	



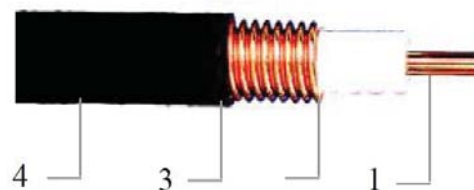
3/8" Superflexible Foamed Coaxial Cable

Description	Type	Stock Code
PE	RF5038S	115-3110301
Fire Retardant PE	RF5038S Z	115-3110302

Construction		
Inner Conductor	Material	Copper clad aluminum wire
	Diameter, mm	2.80±0.03
Insulation	Material	Physically foamed PE
	Diameter, mm	7.00±0.20
Outer conductor	Material	Helically corrugated copper
	Diameter, mm	9.52±0.20
Jacket	Material	PE or fire retardant PE
	Diameter, mm	10.80±0.20

Mechanical properties		
Bending Radius, mm	Single	25
	Repeated	50
	Moving	-
Pulling strength, N	950	
Crush resistance, kg/mm	1.8	
Recommended temperature °C	PE	FRPE
Store	-70~+85	-30~+80
Installation	-40~+60	-25~+60
Operation	-55~+85	-30~+80

Electrical Properties	
Impedance, Ω	50±1
Capacitance, PF/m	79.7
Propagation velocity, %	83
DC breakdown voltage, kV	2.3
Insulation resistance, MΩ·km	>5×10 ³
Peak power, kW	13.2
Screening attenuation, dB	>>120
Cut-off frequency, GHz	13.4



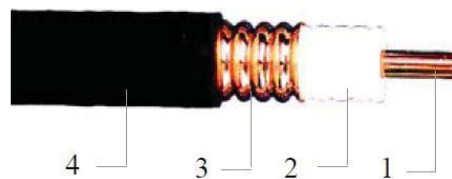
1. Inner Conductor
2. Insulation
3. Outer conductor
4. Jacket

Attenuation and average power		
Frequency MHz	Nom. attenuation @20°C, dB/100m	Power rate @20°C, kW
10	1.22	6.92
100	3.94	2.14
200	5.65	1.49
450	8.66	0.975
800	11.80	0.715
900	12.50	0.673
1000	13.30	0.634
1500	16.70	0.507
1800	18.50	0.457
2000	19.60	0.431
2300	21.20	0.398
3000	24.70	0.342
Maximum attenuation value shall be 105% of the nominal attenuation value		
VSWR		
800~1000MHz	≤1.15	
1700~2200MHz	≤1.15	
5~3000MHz	≤1.25	



3/8" Low Loss Foamed Coaxial Cable

Description	Type	Stock Code
PE	RF5038	115-3110401
Fire Retardant PE	RF5038 Z	115-3110402



1. Inner Conductor
2. Insulation
3. Outer conductor
4. Jacket

Construction		
Inner Conductor	Material	Copper clad aluminum wire
	Diameter, mm	3.15±0.03
Insulation	Material	Physically foamed PE
	Diameter, mm	8.20±0.20
Outer conductor	Material	Ring corrugated copper
	Diameter, mm	9.53±0.20
Jacket	Material	PE or fire retardant PE
	Diameter, mm	11.20±0.20
Mechanical properties		
Bending Radius, mm	Single	50
	Repeated	95
	Moving	300
Pulling strength, N		800
Crush resistance, kg/mm		2.0
Recommended temperature °C		PEFRPE
Store	-70~+85	-30~+80
Installation	-40~+60	-25~+60
Operation	-55~+85	-30~+80
Electrical Properties		
Impedance,Ω		50±1
Capacitance, PF/m		75
Propagation velocity, %		88
DC breakdown voltage, kV		2.5
Insulation resistance, MΩ•km		>5×10 ³
Peak power, kW		15.6
Screening attenuation, dB		>>120
Cut-off frequency, GHz		13.5

Attenuation and average power		
Frequency MHz	Nom. attenuation @20°C,dB/100m	Power rate @20°C,kW
10	1.06	7.23
100	3.42	2.24
200	4.90	1.56
450	7.51	1.02
800	10.20	0.748
900	10.90	0.702
1000	11.60	0.663
1500	14.40	0.530
1800	16.00	0.479
2000	17.00	0.451
2500	19.30	0.400
3000	21.40	0.358
Maximum attenuation value shall be 105% of the nominal attenuation value		
VSWR		
800~1000MHz	≤1.15	
1700~2200MHz	≤1.15	
5~3000MHz	≤1.25	



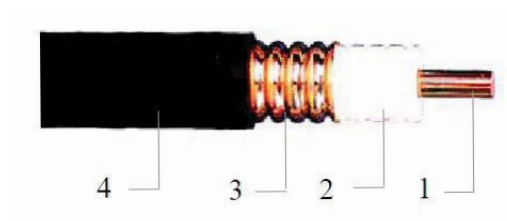
1/2" Low Loss Foamed Coaxial Cable

Description	Type	Stock Code
PE	RF5012	115-3110601
Fire Retardant PE	RF5012 Z	115-3110602

Construction		
Inner Conductor	Material	Copper clad aluminum wire
	Diameter, mm	4.80±0.05
Insulation	Material	Physically foamed PE
	Diameter, mm	12.20±0.30
Outer conductor	Material	Ring corrugated copper
	Diameter, mm	13.80±0.20
Jacket	Material	PE or fire retardant PE
	Diameter, mm	15.80±0.20

Mechanical properties		
Bending Radius, mm	Single	70
	Repeated	125
	Moving	350
Pulling strength, N		1130
Crush resistance, kg/mm		2.0
Recommended temperature °C		PE FRPE
Store		-70~+85 -30~+80
Installation		-40~+60 -25~+60
Operation		-55~+85 -30~+80

Electrical Properties	
Impedance, Ω	50±1
Capacitance, PF/m	75.8
Propagation velocity, %	88
DC breakdown voltage, kV	4.0
Insulation resistance, MΩ·km	>5×10 ³
Peak power, kW	40
Screening attenuation, dB	>>120
Cut-off frequency, GHz	8.8



1. Inner Conductor
2. Insulation
3. Outer conductor
4. Jacket

Attenuation and average power		
Frequency MHz	Nom. attenuation @20°C,dB/100m	Power rate @20°C,kW
10	0.672	11.30
100	2.17	3.49
200	3.10	2.44
450	4.75	1.59
800	6.46	1.17
900	6.87	1.10
1000	7.28	1.04
1500	9.09	0.833
1800	10.10	0.753
2000	10.70	0.710
2500	12.10	0.627
3000	13.40	0.565
Maximum attenuation value shall be 105% of the nominal attenuation value		
VSWR		
800~1000MHz	≤1.15	
1700~2200MHz	≤1.15	
5~3000MHz	≤1.25	



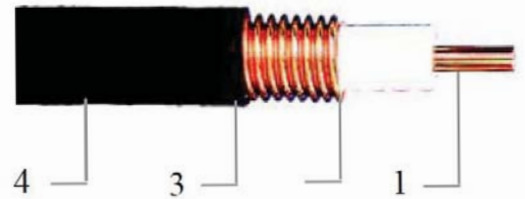
1/2" Superflexible Foamed Coaxial Cable

Description	Type	Stock Code
PE	RF5012S	115-3110501
Fire Retardant PE	RF5012S Z	115-3110502

Construction		
Inner Conductor	Material	Copper clad aluminum wire
	Diameter, mm	3.60±0.04
Insulation	Material	Physically foamed PE
	Diameter, mm	8.80±0.20
Outer conductor	Material	Helically corrugated copper
	Diameter, mm	12.20±0.20
Jacket	Material	PE or fire retardant PE
	Diameter, mm	13.40±0.20

Mechanical properties		
Bending Radius, mm	Single	25
	Repeated	30
	Moving	200
Pulling strength, N	800	
Crush resistance, kg/mm	1.9	
Recommended temperature °C	PE	FRPE
Store	-70~+85	-30~+80
Installation	-40~+60	-25~+60
Operation	-55~+85	-30~+80

Electrical Properties	
Impedance, Ω	50±1
Capacitance, PF/m	82
Propagation velocity, %	81
DC breakdown voltage, kV	2.5
Insulation resistance, MΩ·km	>5×10 ³
Peak power, kW	15.6
Screening attenuation, dB	>>120
Cut-off frequency, GHz	10.2



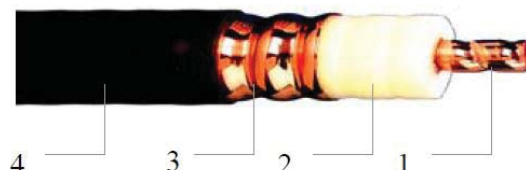
1. Inner Conductor
2. Insulation
3. Outer conductor
4. Jacket

Attenuation and average power		
Frequency MHz	Nom. attenuation @20°C,dB/100m	Power rate @20°C,kW
10	1.04	10.1
100	3.41	3.08
200	4.91	2.14
450	7.59	1.38
800	10.4	1.01
900	11.2	0.943
1000	11.8	0.889
1500	14.9	0.705
1800	16.6	0.634
2000	17.6	0.597
2500	19.7	0.535
3000	22.4	0.469
Maximum attenuation value shall be 105% of the nominal attenuation value		
VSWR		
800~1000MHz	≤1.15	
1700~2200MHz	≤1.15	
5~3000MHz	≤1.25	



7/8" Superflexible Foamed Coaxial Cable

Description	Type	Stock Code
PE	RF5078S	115-3110901
Fire Retardant PE	RF5078S Z	115-3110902



1. Inner Conductor
2. Insulation
3. Outer conductor
4. Jacket

Construction		
Inner Conductor	Material	Helically copper tube
	Diameter, mm	9.42±0.10
Insulation	Material	Physically foamed PE
	Diameter, mm	22.50±0.40
Outer conductor	Material	Ring corrugated copper
	Diameter, mm	24.90±0.30
Jacket	Material	PE or fire retardant PE
	Diameter, mm	27.30±0.20

Mechanical properties		
Bending Radius, mm	Single	40
	Repeated	125
	Moving	-
Pulling strength, N	1020	
Crush resistance, kg/mm	1.4	
Recommended temperature °C	PE	FRPE
Store	-70~+85	-30~+80
Installation	-40~+60	-25~+60
Operation	-55~+85	-30~+80

Electrical Properties	
Impedance, Ω	50±1
Capacitance, PF/m	74.2
Propagation velocity, %	83
DC breakdown voltage, kV	6.0
Insulation resistance, MΩ·km	>5×10 ³
Peak power, kW	91
Screening attenuation, dB	>>120
Cut-off frequency, GHz	4.9

Attenuation and average power

Frequency MHz	Nom. attenuation @20°C, dB/100m	Power rate @20°C, kW
10	0.402	21.50
100	1.30	6.62
200	1.87	4.61
450	2.88	2.99
800	3.94	2.19
900	4.20	2.06
1000	4.46	1.94
1500	5.60	1.54
1800	6.21	1.39
2000	6.59	1.31
2300	7.15	1.21
3000	8.35	1.04

Maximum attenuation value shall be 105% of the nominal attenuation value

VSWR	
800~1000MHz	≤1.15
1700~2200MHz	≤1.15
5~3000MHz	≤1.25



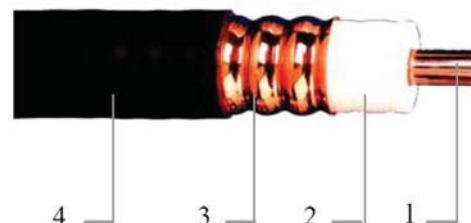
7/8" Low Loss Foamed Coaxial Cable

Description	Type	Stock Code
PE	RF5078	115-3110801
Fire Retardant PE	RF5078 Z	115-3110802

Construction		
Inner Conductor	Material	Smooth copper tube
	Diameter, mm	8.95±0.05
Insulation	Material	Physically foamed PE
	Diameter, mm	22.50±0.40
Outer conductor	Material	Ring corrugated copper
	Diameter, mm	24.90±0.30
Jacket	Material	PE or fire retardant PE
	Diameter, mm	27.30±0.20

Mechanical properties		
Bending Radius, mm	Single	120
	Repeated	250
	Moving	500
Pulling strength, N	1470	
Crush resistance, kg/mm	1.4	
Recommended temperature °C	PE	FRPE
Store	-70~+85	-30~+80
Installation	-40~+60	-25~+60
Operation	-55~+85	-30~+80

Electrical Properties	
Impedance, Ω	50±1
Capacitance, PF/m	75
Propagation velocity, %	88
DC breakdown voltage, kV	6.0
Insulation resistance, MΩ·km	>5×10 ³
Peak power, kW	91
Screening attenuation, dB	>>120
Cut-off frequency, GHz	5.0



1. Inner Conductor
2. Insulation
3. Outer conductor
4. Jacket

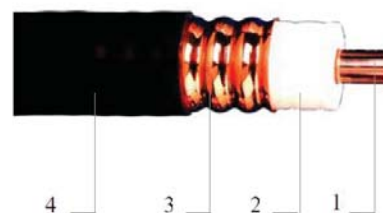
Attenuation and average power		
Frequency MHz	Nom. attenuation @20°C, dB/100m	Power rate @20°C, kW
10	0.366	24.6
100	1.19	7.56
200	1.72	5.26
450	2.65	3.41
800	3.63	2.48
900	3.88	2.33
1000	4.12	2.19
1500	5.18	1.74
1800	5.75	1.57
2000	6.11	1.48
2500	6.95	1.30
3000	7.76	1.16
Maximum attenuation value shall be 105% of the nominal attenuation value		
VSWR		
800~1000MHz	≤1.15	
1700~2200MHz	≤1.15	
5~3000MHz	≤1.25	



1-1/4" Low Loss Foamed Coaxial Cable

Description	Type	Stock Code
PE	RF50114	115-3111001
Fire Retardant PE	RF50114 Z	115-3111002

Construction		
Inner Conductor	Material	Smooth copper tube
	Diameter, mm	13.10±0.05
Insulation	Material	Physically foamed PE
	Diameter, mm	32.80±0.40
Outer conductor	Material	Ring corrugated copper
	Diameter, mm	35.80±0.30
Jacket	Material	PE or fire retardant PE
	Diameter, mm	38.80±0.30
Mechanical properties		
Bending Radius, mm	Single	200
	Repeated	380
	Moving	-
Pulling strength, N		5900
Crush resistance, kg/mm		2.2
Recommended temperature °C		PEFRPE
Store	-70~+85	-30~+80
Installation	-40~+60	-25~+60
Operation	-55~+85	-30~+80
Electrical Properties		
Impedance,Ω		50±1
Capacitance, PF/m		75
Propagation velocity, %		89
DC breakdown voltage, kV		9.0
Insulation resistance, MΩ•km		>5×10 ³
Peak power, kW		205
Screening attenuation, dB		>>120
Cut-off frequency, GHz		3.3



1. Inner Conductor
2. Insulation
3. Outer conductor
4. Jacket

Attenuation and average power

Frequency MHz	Nom. attenuation @20°C,dB/100m	Power rate @20°C,kW
10	0.253	38.6
100	0.832	11.7
200	1.20	8.12
450	1.87	5.22
800	2.59	3.78
900	2.77	3.53
1000	2.94	3.32
1500	3.73	2.62
1800	4.16	2.35
2000	4.43	2.21
2300	5.08	1.92
3000	5.68	1.72

Maximum attenuation value shall be 105% of the nominal attenuation value

VSWR

800~1000MHz	≤1.15
1700~2200MHz	≤1.15
5~3000MHz	≤1.25

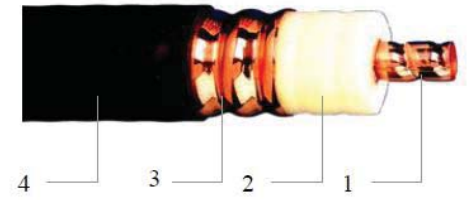
1-5/8" Low Loss Foamed Coaxial Cable PE



1-5/8" Low Loss Foamed Coaxial Cable PE

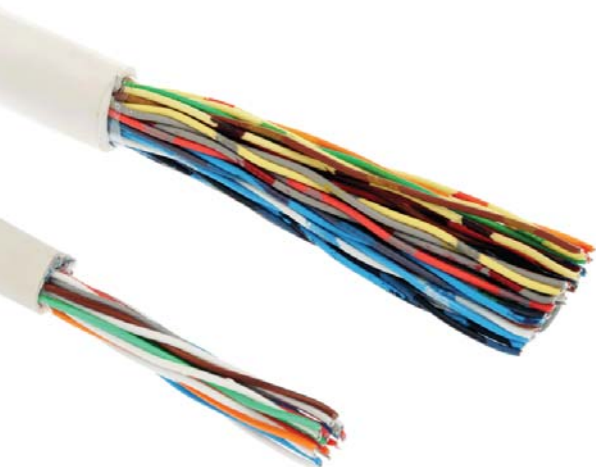
Description	Type	Stock Code
PE	RF50158	115-3111201
Fire Retardant PE	RF50158 Z	115-3111202

Construction		
Inner Conductor	Material	Helically corrugated copper
	Diameter, mm	17.30±0.10
Insulation	Material	Physically foamed PE
	Diameter, mm	43.50±0.60
Outer conductor	Material	Ring corrugated copper
	Diameter, mm	46.50±0.30
Jacket	Material	PE or fire retardant PE
	Diameter, mm	49.50±0.40
Mechanical properties		
Bending Radius, mm	Single	300
	Repeated	510
	Moving	-
Pulling strength, N	3630	
Crush resistance, kg/mm	2.1	
Recommended temperature °C	PE	FRPE
Store	-70~+85	-30~+80
Installation	-40~+60	-25~+60
Operation	-55~+85	-30~+80
Electrical Properties		
Impedance, Ω	50±1	
Capacitance, PF/m	76	
Propagation velocity, %	88	
DC breakdown voltage, kV	11	
Insulation resistance, MΩ·km	>5×10 ³	
Peak power, kW	315	
Screening attenuation, dB	>>120	
Cut-off frequency, GHz	2.5	



1. Inner Conductor
2. Insulation
3. Outer conductor
4. Jacket

Attenuation and average power		
Frequency MHz	Nom. attenuation @20°C, dB/100m	Power rate @20°C, kW
10	0.202	54.3
100	0.671	16.4
150	0.834	13.2
200	0.976	11.3
300	1.22	9.01
450	1.53	7.18
800	2.13	5.15
900	2.29	4.81
1000	2.43	4.52
1500	3.11	3.54
1800	3.47	3.17
2000	3.71	2.96
2500	4.27	2.58
Maximum attenuation value shall be 105% of the nominal attenuation value		
VSWR		
800~1000MHz	≤1.15	
1700~2200MHz	≤1.15	
5~3000MHz	≤1.25	



Specifications

Inner Conductor	0.5mm (24AWG) Tinned Copper Wire
Insulation	Cellular Foam PE
Dielectric Diameter	1.10mm
Shield	Aluminium Foil plus drain wire
Sheath	White PVC
Impedance	120 ohm
Capacitance	40 pF/m
Attenuation at 1MHz	2.2dB/100m
DC Resistance	<96.5 ohm/km

Order Codes

Description	Diameter (mm)	Stock Code
1 pair	3.70	102-1001-005
2 pair	5.35	102-1002-005
3 pair	5.80	102-1003-005
4 pair	6.35	102-1004-005
8 pair	8.18	102-1008-005
10 pair	9.55	102-1010-005
12 pair	11.20	102-1012-005
14 pair	10.35	102-1014-005
15 pair	10.50	102-1015-005
16 pair	11.00	102-1016-005
20 pair	11.20	102-1020-005
25 pair	13.00	102-1025-005
30 pair	13.85	102-1030-005
32 pair	14.05	102-1032-005
34 pair	15.00	102-1034-005
50 pair	17.40	102-1050-005



Coax Cable Assemblies Part Code Structure

301-BBBBCCBBBB-XXX/LL

301=Style		BBBB=Connector		CC=Cable		BBBB=Connector		XXX=Brand		LL=Length
301	Single Core	0000	Nothing (pigtail)	15	1.5C-2V	0000	Nothing (pigtail)	050	NM	
Also available in multicore		0150	BT43 DDF Plug	25	2.5C-2V	0150	BT43 DDF Plug			
		0160	BT43 Straight Latcher	32	3C-2V	0160	BT43 Straight Latcher			
		0165	BT43 Right-Angled Latcher	34	AT&T734	0165	BT43 Right-Angled Latcher			
		0250	HDC43 DDF Plug	35	AT&T735A	0250	HDC43 DDF Plug			
		0260	HDC43 Straight Latcher	01	BT2001	0260	HDC43 Straight Latcher			
		0350	UHDC43 DDF Plug	02	BT2002	0350	UHDC43 DDF Plug			
		0360	UHDC43 Straight Latcher	03	BT2003	0360	UHDC43 Straight Latcher			
		0510	1.0/2.3 Straight Plug	05	BT3002	0510	1.0/2.3 Straight Plug			
		0515	1.0/2.3 Right-Angled Plug	06	BT5000	0515	1.0/2.3 Right-Angled Plug			
		0525	1.0/2.3 straight B/H Jack	42	Flex 2	0525	1.0/2.3 straight B/H Jack			
		0535	1.0/2.3 Right-Angled B/H Jack	43	Flex 3	0535	1.0/2.3 Right-Angled B/H Jack			
		0610	1.6/5.6 Straight Plug	19	Flex 3.9	0610	1.6/5.6 Straight Plug			
		0615	1.6/5.6 Right-Angled Plug	45	Flex 5	0615	1.6/5.6 Right-Angled Plug			
		0625	1.6/5.6 Straight B/H Jack	46	Flex 6	0625	1.6/5.6 Straight B/H Jack			
		0635	1.6/5.6 Right-Angled B/H Jack	39	L910/39	0635	1.6/5.6 Right-Angled B/H Jack			
		1010	BNC Straight Plug	79	NCX/ST779	1010	BNC Straight Plug			
		1015	BNC Right-Angled Plug	07	NM7K	1015	BNC Right-Angled Plug			
		1025	BNC straight B/H Jack	08	NM8K	1025	BNC straight B/H Jack			
		1310	TNC Straight Crimp Male	11	RD179	1310	TNC Straight Crimp Male			
		1315	TNC Right-Angled Male	04	RG179 PVC	1315	TNC Right-Angled Male			
		1320	TNC Straight Crimp Female	09	RG59B/U	1320	TNC Straight Crimp Female			
		1410	SMA Straight Crimp Male	31	Saturn	1410	SMA Straight Crimp Male			
		1415	SMA Right-Angled Crimp Male	12	ST212	1415	SMA Right-Angled Crimp Male			
		1420	SMA Straight Crimp Female	14	ST214	1420	SMA Straight Crimp Female			
		1510	SMB Straight Plug	75	TZC 75005	1510	SMB Straight Plug			
		1515	SMB Right-Angled Plug	80	TZC 75024	1515	SMB Right-Angled Plug			
		2010	N Straight Crimp Male	81	TZC 75025	2010	N Straight Crimp Male			
		2011	N Straight Clamp Male			2011	N Straight Clamp Male			
		2015	N Right-Angled Crimp Male			2015	N Right-Angled Crimp Male			
		2016	N Right-Angled Clamp Male			2016	N Right-Angled Clamp Male			
		2020	N Straight Crimp Female			2020	N Straight Crimp Female			
		2021	N Straight Clamp Female			2021	N Straight Clamp Female			
		2510	M4 Straight Crimp Male			2510	M4 Straight Crimp Male			
		2520	M4 Straight Crimp Female			2520	M4 Straight Crimp Female			
		3010	F Type Straight Crimp Plug			3010	F Type Straight Crimp Plug			
		7610	7/16 Straight Crimp Male			7610	7/16 Straight Crimp Male			
		7611	7/16 Straight Clamp Male			7611	7/16 Straight Clamp Male			
		7616	7/16 Right-Angled Clamp Male			7616	7/16 Right-Angled Clamp Male			
		7620	7/16 Straight Crimp Female			7620	7/16 Straight Crimp Female			
		7621	7/16 Straight Clamp Female			7621	7/16 Straight Clamp Female			

Use lower number first

Use higher number second



BT43 Straight Latcher to 1.0/2.3 Right Angled Plug
Stock Code: 301-0160xx0515-050/x



BT43 Straight Latcher to SMB Straight Plug
Stock Code: 301-0160xx1510-050/x



BT43 Right Angled Socket to 1.0/2.3 Right Angled Plug
Stock Code: 301-0165xx0515-050/x



HDC43 Plug to HDC43 Plug
Stock Code: 301-0250xx0250-050/x



HDC43 Plug/ HDC43 Plug to HDC43 Plug/ HDC43 Plug
Stock Code: 301-0250xx0250-050/x



HDC43 Plug to 1.6/5.6 Right Angled Plug
Stock Code: 301-0250xx0615-050/x





HDC43 Plug to BNC Plug
Stock Code: 301-0250xx1010-050/x



HDC43 Socket to HDC43 Socket
Stock Code: 301-0260xx0260-050/x



HDC43 Socket to BNC Plug
Stock Code: 301-0260xx1010-050/x



1.0/2.3 Plug to 1.0/2.3 Plug
Stock Code: 301-0510xx0510-050/x



1.0/2.3 Straight Plug to 1.6/5.6 Straight Plug
Stock Code: 301-0510xx0610-050/x



1.0/2.3 Plug to 1.6/5.6 Right Angled Plug
Stock Code: 301-0510xx0615-050/x



1.0/2.3 Plug to 1.6/5.6 Right Angled Bulkhead Socket
Stock Code: 301-0510xx0635-050/x



xx=cable type

/x=length in metres

1.0/2.3 Plug to BNC Straight Plug 75ohm
Stock Code: 301-0510xx1010-050/x



1.0/2.3 Right Angled Plug to 1.0/2.3 Right Angled Plug
Stock Code: 301-0515xx0515-050/x



1.0/2.3 Right Angled Plug to 1.6/5.6 Right Angled Bulkhead Socket
Stock Code: 301-0515xx0635-050/x



1.0/2.3 Straight Jack to 1.6/5.6 Straight Jack
Stock Code: 301-0525xx0625-050/x



1.6/5.6 Straight Plug to 1.6/5.6 Straight Plug
Stock Code: 301-0610xx0610-050/x



BNC Straight Plug to BNC Straight Plug
Stock Code: 301-1010xx1010-050/x



xx=cable type /x=length in metres

BNC Straight Plug to M4 Straight Plug
Stock Code: 301-1010xx2510-050/x



SMB Straight Plug to SMB Straight Plug
Stock Code: 301-1510xx1510-050/x



M4 Plug to M4 Plug
Stock Code: 301-2510xx2510-050/x





1.0/2.3 Straight Plug to R/A Plug 0.6/2.8 HD Cable Violet (Push-Screw)

Stock Code: 301-0510ASD030515A-050/x



1.0/2.3 Straight Plug to 1.0/2.3 Straight Plug 0.6/2.8 HD Cable Violet (Push-Screw)

Stock Code: 301-0510ASD030510A-050/x



1.0/2.3 Straight Plug (Push-Screw) to BNC Plug 0.6/2.8 HD Cable Violet

Stock Code: 301-0510ASD031010-050/x



BNC/BNC Patchcord 0.6/2.8 Green with green strain relief boots

Stock Code: 301-1010SD021010B02-002/x





TNC Right Angled Plug to N Type Straight Jack

Stock Code: 301-1315xx2020-050/x



TNC Right Angled Plug to N Type Straight Plug

Stock Code: 301-1315xx2010-050



TNC Right Angled Plug to N Type Bulkhead Jack

Stock Code: 301-1315xx2025-050



SMA R/A Plug to N Type Straight Free Jack

Stock Code: 301-1415xx2020-050/x



N Type Straight Plug to N Type Straight Plug

Stock Code: 301-2010xx2010-050/x



N Type Straight Plug to N Type Right Angled Plug

Stock Code: 301-2010xx2015-050/x





N Type Straight Plug to F Type Straight Plug

Stock Code: 301-2010xx3010-050/x



N Type Right Angled Plug to N Type Right Angled Plug

Stock Code: 301-2015xx2015-050/x



N Type Right Angled Plug to N Type Straight Jack

Stock Code: 301-2015xx2020-050/x



N Type Right Angled Plug to 7/16 Male

Stock Code: 301-2015xx7610-050/x



7/16 Male to 7/16 Female

Stock Code: 301-7610xx7620-050/x



Feeder Cable Jumpers Assemblies Part Code Structure

301-BBBBCCCCBBBB-098/LL

NM Use

301=Style		BBBB=Connector		CCCC=Cable		BBBB=Connector		LL=Length
301	Single Core	2011	N Straight Male	0101	1/4" Superflexible PE	2011	N Straight Male	
Also available in multicore		2016	N Right-Angled Male	0102	1/4" Superflexible Fire Retardant PE	2016	N Right-Angled Male	
		2021	N Straight Female	0201	1/4" Low Loss PE	2021	N Straight Female	
		7611	7/16 Straight Male	0202	1/4" Low Loss Fire Retardant PE	7611	7/16 Straight Male	
		7616	7/16 Right-Angled Male	0301	3/8" Superflexible PE	7616	7/16 Right-Angled Male	
		7621	7/16 Straight Female	0302	3/8" Superflexible Fire Retardant PE	7621	7/16 Straight Female	
Use lower number first				0401	3/8" Low Loss PE	Use higher number second		
				0402	3/8" Low Loss Fire Retardant PE			
				0501	1/2" Superflexible PE			
				0502	1/2" Superflexible Fire Retardant PE			
				0601	1/2" Low Loss PE			
				0602	1/2" Low Loss Fire Retardant PE			
				0901	7/8" Superflexible PE			
				0902	7/8" Superflexible Fire Retardant PE			
				0801	7/8" Low Loss PE			
				0802	7/8" Low Loss Fire Retardant PE			
				1001	1-1/4" Low Loss PE			
				1002	1-1/4" Low Loss Fire Retardant PE			
				1201	1-5/8" Low Loss PE			
				1202	1-5/8" Low Loss Fire Retardant PE			





Cat6 & Cat5e Patch Panels

The 16 and 24 port variants are presented as a single row, within a single 19" rack 1U format, whilst 32 and 48 port panels are presented as a double row, fitting into just 1.5U.

Each Panel is supplied with a fixing and earthing post and adhesive label field for individual port identification.

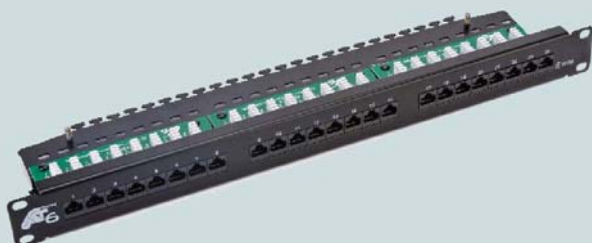
The integral cable management provides fixing points for each cable. The fixing points are designed for maximum ease of use.

Simply fit the cable ties loosely to the cable, slide over the fixing point and tighten. The IDC terminations are colour coded to T568B.

The finish is semi-gloss black.

Fully Tested and UL approved to:	ISO/IEC JTC 1/SC25 11801:2002 TIA/EIA 568b.2-1
Dimensions	Standard 19" rackmount 110mm deep 16 & 24 port: 1U high 32 & 48 port: 1.5U high
Colour	Semi-gloss black
Termination	Krone style IDC coded to TIA/EIA 568B
Management	Quick fit cable fixing point per port
Sockets	RJ45 8 Contact, gold plated
Included accessories	Cable ties, cage nut and screws, labelling kit

Cat6 Patch Panels



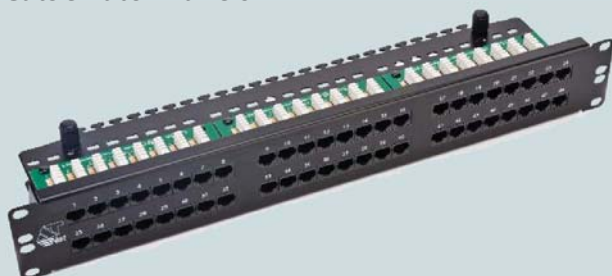
Description

Cat6 Patch Panel 16 Port
Cat6 Patch Panel 24 Port
Cat6 Patch Panel 32 Port
Cat6 Patch Panel 48 Port

Stock Code

510-9PAN205291
510-9PAN205231
510-9PAN205301
510-9PAN205311

Cat5e Patch Panels



Description

Cat5e Patch Panel 16 Port
Cat5e Patch Panel 24 Port
Cat5e Patch Panel 32 Port
Cat5e Patch Panel 48 Port

Stock Code

501-9PAN204331
501-9PAN204381
501-9PAN204361
501-9PAN204371

These traditional Category 5e format cables are essential for network connectivity. All our cords are supplied with fixed over-moulded strain relief to prevent the delicate catches of the plugs snagging and are available in a wide range of lengths to suit individual requirements.

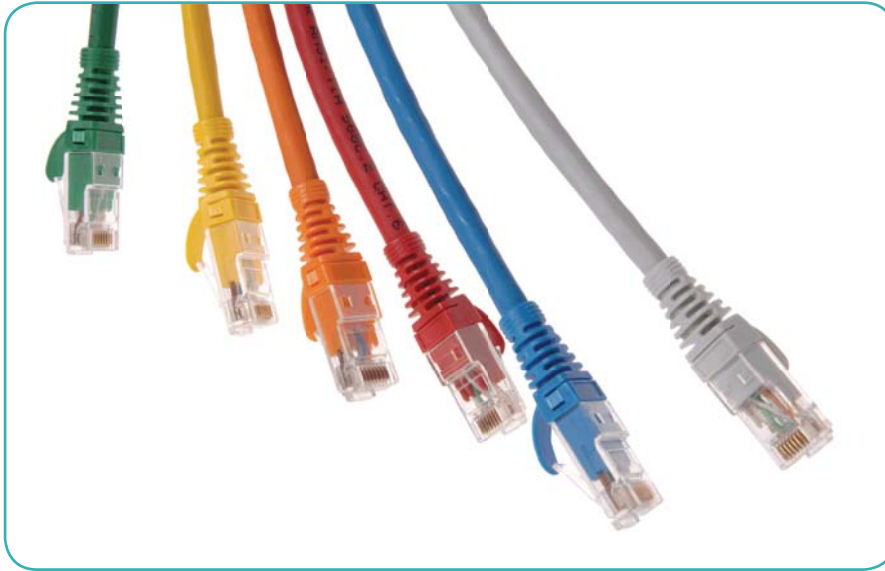
In addition Cat5e patch cords are available in a choice of five colours to aid identification.



Length	Grey	Red	Blue	Yellow	Green
0.5m	315-P004005-027	315-P006005-027	315-P005005-027VR	315-P003005-027	315-P002005-027
1.0m	315-P004010-027	315-P006010-027	315-P005010-027	315-P003010-027	315-P002010-027
1.5m	315-P004015-027	315-P006015-027	315-P005015-027	315-P003015-027	315-P002015-027
2.0m	315-P004020-027	315-P006020-027	315-P005020-027	315-P003020-027	315-P002020-027
3.0m	315-P004030-027	315-P006030-027	315-P005030-027	315-P003030-027	315-P002030-027
5.0m	315-P004050-027	315-P006050-027	315-P005050-027	315-P003050-027	315-P002050-027
10.0m	315-P0040100-027	315-P0060100-027	315-P0050100-027	315-P0030100-027	315-P0020100-027



New to the Mini6 range, Snagless Anti-Tangle latches as part of the moulded boot. True CAT6 performance helped by Internal pair separator within the cable structure and high performance CAT6 RJ45 plugs.



Length	Grey	Blue	Red	Yellow	Green
0.5m	315-PCTB6005-AT	315-PCTB6005BE-AT	315-PCTB6005RE-AT	315-PCTB6005YW-AT	315-PCTB6005GN-AT
1.0m	315-PCTB6010-AT	315-PCTB6010BE-AT	315-PCTB6010RE-AT	315-PCTB6010YW-AT	315-PCTB6010GN-AT
1.5m	315-PCTB6015-AT	315-PCTB6015BE-AT	315-PCTB6015RE-AT	315-PCTB6015YW-AT	315-PCTB6015GN-AT
2.0m	315-PCTB6020-AT	315-PCTB6020BE-AT	315-PCTB6020RE-AT	315-PCTB6020YW-AT	315-PCTB6020GN-AT
3.0m	315-PCTB6030-AT	315-PCTB6030BE-AT	315-PCTB6030RE-AT	315-PCTB6030YW-AT	315-PCTB6030GN-AT
5.0m	315-PCTB6030-AT	315-PCTB6050BE-AT	315-PCTB6050RE-AT	315-PCTB3050YW-AT	315-PCTB6050GN-AT
7.5m	315-PCTB6075-AT	-	-	-	-
10.0m	315-PCTB60100-AT	315-PCTB60100BE-AT	315-PCTB60100RE-AT	315-PCTB60100YW-AT	315-PCTB60100GN-AT
15.0m	315-PCTB60150-AT	-	-	-	-
20.0m	315-PCTB60200-AT	-	-	-	-

Length	Purple	Pink	Orange	Black	White
0.5m	315-PCTB6005PE-AT	315-PCTB6005PK-AT	315-PCTB6005OE-AT	315-PCTB6005BK-AT	315-PCTB6005WE-AT
1.0m	315-PCTB6010PE-AT	315-PCTB6010PK-AT	315-PCTB6010OE-AT	315-PCTB6010BK-AT	315-PCTB6010WE-AT
1.5m	315-PCTB6015PE-AT	315-PCTB6015PK-AT	315-PCTB6015OE-AT	315-PCTB6015BK-AT	315-PCTB6015WE-AT
2.0m	315-PCTB6020PE-AT	315-PCTB6020PK-AT	315-PCTB6020OE-AT	315-PCTB6020BK-AT	315-PCTB6020WE-AT
3.0m	315-PCTB6030PE-AT	315-PCTB6030PK-AT	315-PCTB6030OE-AT	315-PCTB6030BK-AT	315-PCTB6030WE-AT
5.0m	315-PCTB6050PE-AT	315-PCTB6050PK-AT	315-PCTB6050OE-AT	315-PCTB6050BK-AT	315-PCTB603050WE-AT
7.5m	-	-	-	-	-
10.0m	315-PCTB60100PE-AT	315-PCTB60100PK-AT	315-PCTB60100OE-AT	315-PCTB60100BK-AT	315-PCTB6030100WE-AT
15.0m	-	-	-	-	-
20.0m	-	-	-	-	-



CAT6 RJ45 Coupler Gigabit Joiner
Socket to Socket Adapter



Stock Code
510-UT-CAT6

RJ45 Inline Coupler Joiner Straight
for extending LAN cables



Stock Code
510-UT-250

RJ45 Crossover Adapter LAN Cable Converter
(Crossed Wire)



Stock Code
510-UT-251

Cable Economiser Plug Twin Sockets
(1x Data + 1 x Voice) RJ45 CAT5E



Stock Code
510-RJ-ECONDV

Cable Economiser Plug Twin Sockets (2x Voice)
RJ45 CAT5E Adapter



Stock Code
510-RJ-ECONVV

USB to LAN Adapter RJ45 Shielded Adaptor
Fast Ethernet - Purple



Stock Code
510-USB-NIC-PURPLE

Cat5e UTP

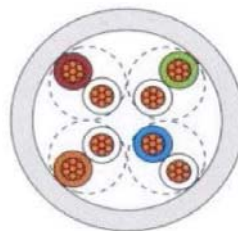
Application

Cat5e UTP is a multi-pair cable used mainly for Data transmission that supports a frequency range up to 100MHz and speeds up to 1 gigabit per second.

Electrical

DC resistance conductor	≤ 96.5 Ω/km @ 20°C
Velocity Ratio	65%
Impedance at 4 to 100MHZ	100Ω

Construction



1	Inner conductor	Plain Copper
2	Dielectric	HDPE Insulation
3	Colour Sequence	See below
4	Sheath	PVC, LSZH or PE

Mechanical

1	Inner conductor diameter	0.50mm nom Plain Copper	
2	Dielectric diameter	0.95mm ± 0.10 mm	
3	Colour Sequence	4 Pair	Blue & White/Blue, Orange & Orange/White, Green & Green/White, Brown & White/Brown
		12 Pair	As 4 pair cable each unit coloured grey and numbered 1 – 3
		25 Pair	As 4 pair cable each unit coloured white, grey, brown, green, orange, blue. Plus 1 Pair (Brown & White/Brown) Grey Sheath.
4	Sheath	4 Pair	5.20mm Nominal
		12 Pair	12.30mm Nominal
		25 Pair	17.00mm Nominal
5	Cable	Storage/operating temperature	-15°C to +70°C
		Minimum installation temperature	-5 °C



Pairs	Sheath	Colour	Reel Length	Stock Code
4	PVC	GREY	100m	110-350401-100
4	PVC	GREY	305m BOX	110-350401-305
4	UV PVC	BLACK	100m	110-350401BLK-UV-100
4	UV PVC	WHITE	100m	110-350401WHT-UV-100
4	PVC	BLUE	305m BOX	110-350401BLU-305
4	PVC	GREEN	305m BOX	110-350401GRN-305
4	PVC	RED	305m BOX	110-350401RED-305
4	PVC	YELLOW	305m BOX	110-350401YEL-305
4	LSZH	VIOLET	305m BOX	110-350401LSOH-VLT-305
4	PE	BLACK	500m / 1000m	110-350405PE-BLK
4	PE	ORANGE	500m / 1000m	110-350405PE-ORG
12	PVC	GREY	500m / 1000m	110-350406SLT
12	PE	ORANGE	500m / 1000m	110-350406PE-ORG
25	LSZH	VIOLET	500m / 1000m	110-350407LSOH-VLT
25	PE	ORANGE	500m / 1000m	110-350407PE-ORG
25	PVC	GREY	500m / 1000m	110-350407SLT



Application: This 25 pair LSZH backbone cable is suitable for 100Base-T, Gigabit Ethernet, 155 Mbps ATM, TP-PMD Audio, Multimedia and Telephone networks

Conductor: Class 1 solid plain copper

Insulation: SPE (Solid Polyethylene)

Filler: PE (Polyethylene) dummy core

Separator: Mylar tape

Electrical Characteristics: Impedance (ohms); 100(±15),
Max Conductor DC Resistance at 20°C (ohms/100m); 10.55

Sheath: LSZH (Low Smoke Zero Halogen)

Sheath Colour: Grey

Temperature Rating: Installation; -20°C to +60°C,
Operating; -20°C to +60°C

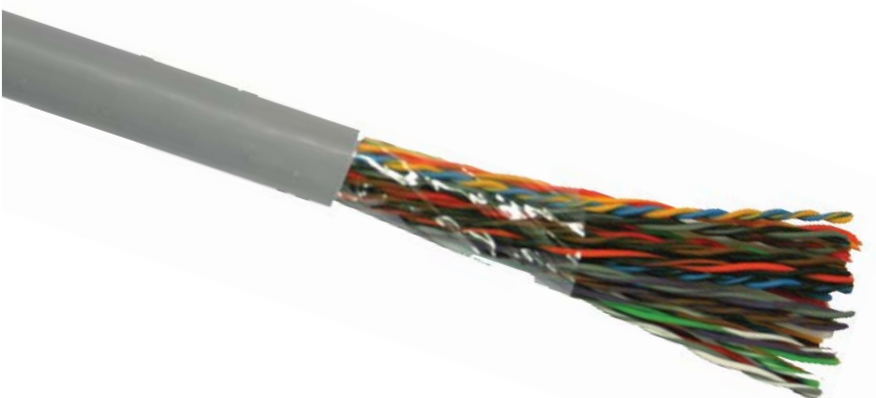
Minimum Bending Radius: Full load; 20 x overall diameter,
No load 15 x overall diameter

Performance Characteristics

Frequency MHz	Attenuation at 20°C (-dB/100m) (±15%)	NEXT Worst Pair (dB) (±15%)	RL (dB) (±15%)
1.00	2.0	65.3	20.0
4.00	4.1	56.3	23.0
8.00	5.8	51.8	24.5
10.00	6.5	50.3	25.0
16.00	8.2	47.3	25.0
20.00	9.3	45.8	25.0
25.00	10.4	44.3	24.3
31.25	11.7	42.9	23.6
62.50	17.0	38.4	21.5
100.00	22.0	35.3	20.1

Dimensions

No. of Pairs	Nominal Diameter of Conductor mm	Nominal Overall Diameter mm	Nominal Weight kg/Km	Stock Code
25	0.51	12.0	194	110-5325-046



Cat6 UTP/FTP

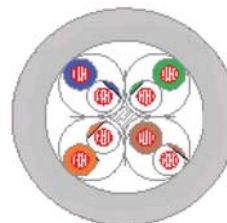
Application

Cat6 UTP/FTP is a multi-pair cable used mainly for Data transmission that supports a frequency range up to 250MHz and speeds up to 1 gigabit per second.

Electrical

Mutual Capacitance	190 pF / m
Vp	67-69%
Characteristic Impedance	100Ω +/- 15Ω
Conductor Resistance	79.85Ω/Km

Construction



1	Inner conductor	Plain Copper
2	Dielectric	HDPE Insulation
3	Colour Sequence	See below
4	Sheath	PVC, LSZH or PE

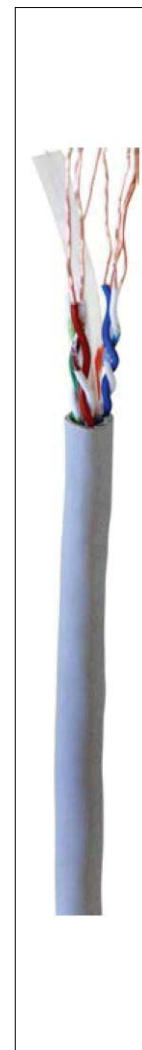
Mechanical

1	Inner conductor diameter	0.55mm nom Plain Copper	
2	Dielectric diameter	1.0mm nominal diameter	
3	Colour Sequence	Blue & White/Blue, Orange & Orange/White, Green & Green/White, Brown & White/Brown	
4	Sheath	7.20mm Nominal	
5	Cable	Storage/operating temperature	-15°C to +80°C
		Minimum installation temperature	-5 °C

Freq (MHz)	Attenuation (dB/100m)	Powersum Acr (dB/100m)	Pair NEXT (dB)	Powersum NEXT (dB)	EL-FEXT (dB/100m)	Powersum EL-FEXT (dB/100m)	Return Loss (dB)
1	1.9	82.6	84.5	86.5	85.0	82.0	27.0
4	3.5	71.9	75.5	77.5	73.0	70.0	30.0
10	5.5	64.0	69.5	71.5	65.0	62.0	30.0
16	7.0	59.4	66.4	68.4	60.9	57.9	30.0
20	7.8	27.1	65.0	67.0	59.0	56.0	30.0
31.25	9.9	52.2	62.1	61.1	55.1	52.1	28.6
62.5	14.1	43.5	57.6	59.6	49.1	46.4	26.5
100	18.0	36.5	54.5	56.5	45.0	42.0	25.1
155	22.7	28.9	51.6	53.6	41.2	38.2	23.8
200	26.1	23.9	50.0	52.0	39.0	36.0	23.0
250	29.4	19.1	48.5	50.5	37.0	34.0	22.3

Pairs	Sheath	Colour	Grade	Reel Length	Stock Code
4	PVC	GREY*	UTP	100m, 305m	110-120450-SLT
4	PE	BLACK	UTP	100m, 305m , 500m	110-120451-PE-BLK
4	LSZH	VIOLET	UTP	305m	110-120452-LSOH-VLT-305
4	LSZH	VIOLET	FTP	305m	110-120455-LSOH-VLT-305
4	PE	BLACK	FTP	-	110-120455-PE-BLK

*Also available in Blue, Green, Red, Yellow, White, Black and Pink in 100m, 305m, 500m reels



**Universal Data Stripper****Description**

This tool is ideally used for stripping the jacket from round data cable such as UTP and STP. With an adjustable blade it will strip from 3.2mm to 9mm on flat cable, irregular out of shape cable or even multi-conductor cable.

Stock Code

902-OPT+UTPS

Cyclops Stripper**Description**

An outer sheath stripper for all types of data, audio and fibre optic cables. Completely automatic, no adjustments required. For cables up to 11mm in diameter.

Stock Code

902-OPT+CYCLOPS

Modular Crimp Tool**Description**

A compact, lightweight and durable tool which can be used to crimp RJ45, RJ12 or RJ11 connectors onto data cable. In addition to crimping it can also be used to cut and strip round cable - although we recommend you use OPT+UTPS to perform this particular task.

Stock Code

901-OPT-RJCT

Impact Punch Down Tool**Description**

The impact punch down tool comes with an adjustable Hi-Lo pressure selector. The hook and tracer makes tracing and removing wires easy, and the twist lock style holder gives the ability to quickly and safely change blades.

Stock Code

902-OPT+IPPT-S

Spare Scissor blade

902-OPT+IPDT-SB

Network tester**Description**

This basic level network tester will comprehensively test each twisted pair through RJ45 or RJ11 connectors. An easy red and green light system will notify you of which pairs are fully functional and which are faulty. Comes with remote end terminator for testing links, patchcords. Requires 1X 9V battery (not included).

Stock Code

955-OPT+NT

Automatic Wire Stripper and Crimper**Description**

This wire stripper and crimper high quality blade provides efficient cutting. Soft grip handles for comfort.

Stock Code

902-AWS10



Disconnection Module


Description

10 Pair disconnection module
6089/1/810-00

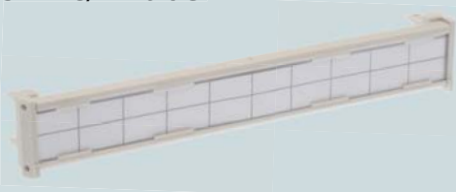
Brand

Austin Taylor
Krone

Stock Code

501-1003-027
501-1003-028

Strip Designation 51A c/w label


Description

Hinged label holder

Brand

Austin Taylor

Stock Code

501-0905-027

Protector 5B


Description

Protector 5B
Arrester 14A

Brand

Austin Taylor
Austin Taylor

Stock Code

501-1010-027
501-1011-027

Wire Inserter 2A


Description

Insertion Tool
6417/1/810-02

Brand

Austin Taylor
Krone

Stock Code

501-0001-027
501-0001-028



Patch & Test Cord

**Description**

2 Pole 5ft (Cord Conn 94470)
4 Pole 5ft (Cord Conn 94473)

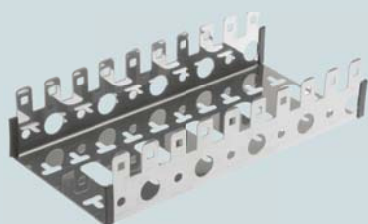
Brand

Austin Taylor
Austin Taylor

Stock Code

501-1050-027
501-1060-027

Back Mount Frame

**Description**

5 way (11mm depth)
10 way (30mm depth)
10 way (50mm depth)
20 way (30mm depth)
34 way (50mm depth)

Brand

Austin Taylor
Austin Taylor
Austin Taylor
Austin Taylor
Austin Taylor

Stock Code

501-1210-027
501-1215-027
501-1220-027
501-1240-027
501-1245-027

Subrack (flat)

**Description**

1U 3 way (30 pair)
2U 9 way (90 pair)
3U 15 way (150 pair)
4U 18 way (180 pair)

Brand

Austin Taylor
Austin Taylor
Austin Taylor
Austin Taylor

Stock Code

501-0211-027
501-0212-027
501-0213-027
501-0214-027

Subrack (recessed)

**Description**

1U 3 way (30 pair)
2U 9 way (90 pair)
3U 15 way (150 pair)
4U 18 way (180 pair)

Brand

Austin Taylor
Austin Taylor
Austin Taylor
Austin Taylor

Stock Code

501-0201-027
501-0202-027
501-0203-027
501-0204-027



Distribution Frames 108A & City 80

Frame Distribution 108A series are modular distribution frames available in two widths (single and double) and two heights (690 pair and 800 pair) offering a maximum of up to 1600 pairs capacity using 10 pair Strips Connection 237A.

Modular construction means that the units may be assembled side-by-side for wall mounting, or back-to-back for free-standing applications, using the fixings provided.

Cable management is provided using by large jumper rings fitted top, bottom and between terminal banks, whilst individual terminal blocks are provided with fixed fanning strips.

Earthing is provided via a heavy copper earth commoning bar fitted to the bottom of the frame and running the full width of the frame.

Adjustable legs allow for uneven flooring, or may be removed where height is a limitation.



General Details

Material Chassis:	Mild Steel
Mountings:	Chrome Steel
Jumper Rings:	Black fire retardant ABS
Finish:	Low gloss black polyester

Description	Height without legs (mm)	Height with legs (mm)	Width (mm)	Depth (mm)	Weight (kg)	Verticals	Stock Code
Frame Distribution 108A Double 1380 pair	1850	2006	570	150	25	2	501-1000-027
Frame Distribution 108A Single 690 pair	1850	2006	285	150	13	1	501-1001-027
Frame City 80 Double 1600 pair	2092	2248	570	150	27	2	501-1002-027
Frame City 80 Single 800 pair	2092	2248	285	150	15	1	501-1004-027



Application

Jumper wires are used for interconnection between terminal blocks at main distribution frames (MDF), cross connection cabinets (CCP) and distribution frames or boxes.

Standards

- CW 1109 (PVCT2)

Construction

- Conductors: Solid bare copper 0.32/0.4/0.5/0.6/0.8/1.0mm as per class 1 of BS 6360/IEC 60228
- Insulation: PVC Type 2 to BS 6746
- Twisted Pairs: two insulated conductors are twisted into pairs with varying lays to minimise crosstalk

Electrical Properties

Nominal Conductor Diameter	mm	0.32	0.4	0.5	0.6	0.8	1.0	7/0.2
Conductor Size	mm ²	0.08	0.126	0.196	0.283	0.5	0.785	0.22
Maximum Conductor Resistance @20°C	Ω/km	234	148	95	65.9	36.7	23.3	89.9
Minimum Insulation Resistance @500V DC	MΩ.km	50	50	50	50	50	50	50
Minimum Insulation Thickness	mm	0.12	0.15	0.15	0.15	0.25	0.25	0.15
Maximum Insulated Conductor Diameter	mm	0.7	0.85	0.95	1.05	1.5	1.7	1.05

No. of Wires	Colour Code	Conductor Size	Stock Code
2	yellow/blue	0.5mm	120-0305
2	yellow/black	0.5mm	120-0308
2	grey/pink	0.5mm	120-0412
2	blue/red	0.5mm	120-0506
2	red/white	0.5mm	120-0607
2	red/black	0.5mm	120-0608
2	white/black	0.5mm	120-0708

Available in any combination of the following 12 colours: blue, brown, red, violet, orange, grey, black, yellow, green, white, pink, turquoise



FC Connector



Simplex



Duplex

LC Connector



Simplex



Duplex

LC/APC Connector



Simplex



Duplex

SC Connector



Simplex



Duplex

ST Connector



Simplex



Duplex

Example: Duplex patchcord LC/LC, 9/125, 2.8mm yellow 1m

601-06906303-025/1

AAA-BBCBBDEE-025/LL

Internal Use

AAA = Cable		BB = Connector		C = Fibre Size		D = Diameter		EE = Colour		LL = Length	
601	Duplex	01	E2000	3	OM3	1	1.8mm	01	Orange	1	1m
602	Simplex	02	E2000/APC	5	50/125	2	2.0mm	02	Green	2	2m
603	Pigtail	03	ESCON	6	62.5/125	3	2.8mm	03	Yellow	3	3m
		04	FC/APC	9	9/125	9	900um	04	Grey	4	4m
		05	FC/PC					05	Blue	5	5m
		06	LC Duplex					06	Red	6	6m
		07	LC Simplex					07	White	7	7m
		08	MTRJ					08	Black	8	8m
		09	MU					09	Violet	9	9m
		10	SC/APC					10	Brown	10	10m
		11	SC Simplex					11	Turquoise	15	15m
		12	SC Duplex					12	Pink	20	20m
		13	SMA					13	Natural	25	25m
		14	ST					14	Aqua	30	30m



ST Singlemode



2 x Adaptors	620-PPSS-ST/02
4 x Adaptors	620-PPSS-ST/04
6 x Adaptors	620-PPSS-ST/06
8 x Adaptors	620-PPSS-ST/08
12 x Adaptors	620-PPSS-ST/12
24 x Adaptors	620-PPSS-ST/24

ST Multimode



2 x Adaptors	620-PPSM-ST/02
4 x Adaptors	620-PPSM-ST/04
6 x Adaptors	620-PPSM-ST/06
8 x Adaptors	620-PPSM-ST/08
12 x Adaptors	620-PPSM-ST/12
24 x Adaptors	620-PPSM-ST/24

FC Singlemode



2 x Adaptors	620-PPSS-FC/02
4 x Adaptors	620-PPSS-FC/04
6 x Adaptors	620-PPSS-FC/06
8 x Adaptors	620-PPSS-FC/08
12 x Adaptors	620-PPSS-FC/12
24 x Adaptors	620-PPSS-FC/24

FC/APC Singlemode



2 x Adaptors	620-PPSS-FCA/02
4 x Adaptors	620-PPSS-FCA/04
6 x Adaptors	620-PPSS-FCA/06
8 x Adaptors	620-PPSS-FCA/08
12 x Adaptors	620-PPSS-FCA/12
24 x Adaptors	620-PPSS-FCA/24

Kit Type (Inside Panel)

				
620-PP-KIT-A	x4	x1	-	-
620-PP-KIT-B	x4	x1	x1	-
620-PP-KIT-C	x4	x1	-	x1



SC Singlemode Simplex



2 x Adaptors	620-PPSS-SCS/02
4 x Adaptors	620-PPSS-SCS/04
6 x Adaptors	620-PPSS-SCS/06
8 x Adaptors	620-PPSS-SCS/08
12 x Adaptors	620-PPSS-SCS/12
24 x Adaptors	620-PPSS-SCS/24

SC Multimode Simplex



2 x Adaptors	620-PPSM-SCS/02
4 x Adaptors	620-PPSM-SCS/04
6 x Adaptors	620-PPSM-SCS/06
8 x Adaptors	620-PPSM-SCS/08
12 x Adaptors	620-PPSM-SCS/12
24 x Adaptors	620-PPSM-SCS/24

LC Singlemode Duplex



2 x Adaptors	620-PPSS-LCD/02
4 x Adaptors	620-PPSS-LCD/04
6 x Adaptors	620-PPSS-LCD/06
8 x Adaptors	620-PPSS-LCD/08
12 x Adaptors	620-PPSS-LCD/12
24 x Adaptors	620-PPSS-LCD/24

LC Multimode Duplex



2 x Adaptors	620-PPSM-LCD/02
4 x Adaptors	620-PPSM-LCD/04
6 x Adaptors	620-PPSM-LCD/06
8 x Adaptors	620-PPSM-LCD/08
12 x Adaptors	620-PPSM-LCD/12
24 x Adaptors	620-PPSM-LCD/24

E2000 Singlemode Simplex



2 x Adaptors	620-PPSS-E2K/02
4 x Adaptors	620-PPSS-E2K/04
6 x Adaptors	620-PPSS-E2K/06
8 x Adaptors	620-PPSS-E2K/08
12 x Adaptors	620-PPSS-E2K/12
24 x Adaptors	620-PPSS-E2K/24

E2000/APC Singlemode Simplex



2 x Adaptors	620-PPSS-E2KA/02
4 x Adaptors	620-PPSS-E2KA/04
6 x Adaptors	620-PPSS-E2KA/06
8 x Adaptors	620-PPSS-E2KA/08
12 x Adaptors	620-PPSS-E2KA/12
24 x Adaptors	620-PPSS-E2KA/24

Kit Type (Inside Panel)

				
620-PP-KIT-A	x4	x1	-	-
620-PP-KIT-B	x4	x1	x1	-
620-PP-KIT-C	x4	x1	-	x1



SC Singlemode Duplex

2 x Adaptors	620-PPSS-SC/02
4 x Adaptors	620-PPSS-SC/04
6 x Adaptors	620-PPSS-SC/06
8 x Adaptors	620-PPSS-SC/08
12 x Adaptors	620-PPSS-SC/12
24 x Adaptors	620-PPSS-SC/24



SC Multimode Duplex

2 x Adaptors	620-PPSM-SC/02
4 x Adaptors	620-PPSM-SC/04
6 x Adaptors	620-PPSM-SC/06
8 x Adaptors	620-PPSM-SC/08
12 x Adaptors	620-PPSM-SC/12
24 x Adaptors	620-PPSM-SC/24



SC/APC Singlemode Duplex

2 x Adaptors	620-PPSS-SCA/02
4 x Adaptors	620-PPSS-SCA/04
6 x Adaptors	620-PPSS-SCA/06
8 x Adaptors	620-PPSS-SCA/08
12 x Adaptors	620-PPSS-SCA/12
24 x Adaptors	620-PPSS-SCA/24



LC Singlemode Quad

2 x Adaptors	620-PPSS-LCQ/02
4 x Adaptors	620-PPSS-LCQ/04
6 x Adaptors	620-PPSS-LCQ/06
8 x Adaptors	620-PPSS-LCQ/08
12 x Adaptors	620-PPSS-LCQ/12
24 x Adaptors	620-PPSS-LCQ/24



LC Multimode Quad

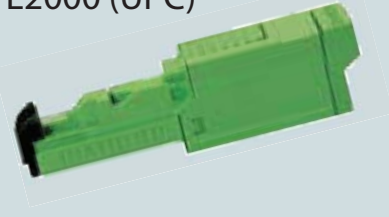
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4 x Adaptors	620-PPSM-LCQ/04
6 x Adaptors	620-PPSM-LCQ/06
8 x Adaptors	620-PPSM-LCQ/08
12 x Adaptors	620-PPSM-LCQ/12
24 x Adaptors	620-PPSM-LCQ/24

Kit Type (Inside Panel)

				
620-PP-KIT-A	x4	x1	-	-
620-PP-KIT-B	x4	x1	x1	-
620-PP-KIT-C	x4	x1	-	x1



E2000 (UPC)

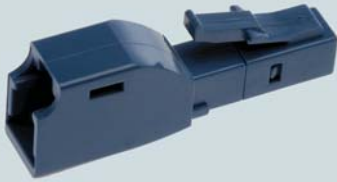
**Description**

E2000 buildout attenuator SM 2dB (1310/1550)
 E2000 buildout attenuator SM 3dB (1310/1550)
 E2000 buildout attenuator SM 4dB (1310/1550)
 E2000 buildout attenuator SM 5dB (1310/1550)
 E2000 buildout attenuator SM 6dB (1310/1550)
 E2000 buildout attenuator SM 7dB (1310/1550)
 E2000 buildout attenuator SM 10dB (1310/1550)
 E2000 buildout attenuator SM 15dB (1310/1550)
 E2000 buildout attenuator SM 20dB (1310/1550)

Stock Code

605-019502-025
 605-019503-025
 605-019504-025
 605-019505-025
 605-019506-025
 605-019507-025
 605-019510-025
 605-019515-025
 605-019520-025

LC

**Description**

LC buildout attenuator SM 2dB (1310/1550)
 LC buildout attenuator SM 3dB (1310/1550)
 LC buildout attenuator SM 5dB (1310/1550)
 LC buildout attenuator SM 7dB (1310/1550)
 LC buildout attenuator SM 10dB (1310/1550)
 LC buildout attenuator SM 15dB (1310/1550)
 LC buildout attenuator SM 20dB (1310/1550)

Stock Code

605-079502-025
 605-079503-025
 605-079505-025
 605-079507-025
 605-079510-025
 605-079515-025
 605-079520-025

SC

**Description**

SC buildout attenuator SM 2dB (1310/1550)
 SC buildout attenuator SM 3dB (1310/1550)
 SC buildout attenuator SM 5dB (1310/1550)
 SC buildout attenuator SM 7dB (1310/1550)
 SC buildout attenuator SM 10dB (1310/1550)
 SC buildout attenuator SM 15dB (1310/1550)
 SC buildout attenuator SM 20dB (1310/1550)

Stock Code

605-119502-025
 605-119503-025
 605-119505-025
 605-119507-025
 605-119510-025
 605-119515-025
 605-119520-025

SC/APC

**Description**

SC/APC buildout attenuator SM 2dB (1310/1550)
 SC/APC buildout attenuator SM 3dB (1310/1550)
 SC/APC buildout attenuator SM 4dB (1310/1550)
 SC/APC buildout attenuator SM 5dB (1310/1550)
 SC/APC buildout attenuator SM 10dB (1310/1550)
 SC/APC buildout attenuator SM 15dB (1310/1550)
 SC/APC buildout attenuator SM 20dB (1310/1550)

Stock Code

605-109502-025
 605-109503-025
 605-109504-025
 605-109505-025
 605-109510-025
 605-109515-025
 605-109520-025

FC

**Description**

FC buildout attenuator SM 2dB (1310/1550)
 FC buildout attenuator SM 3dB (1310/1550)
 FC buildout attenuator SM 5dB (1310/1550)
 FC buildout attenuator SM 7dB (1310/1550)
 FC buildout attenuator SM 10dB (1310/1550)
 FC buildout attenuator SM 15dB (1310/1550)
 FC buildout attenuator SM 20dB (1310/1550)

Stock Code

605-059502-025
 605-059503-025
 605-059505-025
 605-059507-025
 605-059510-025
 605-059515-025
 605-059520-025



Self-supporting Cable;

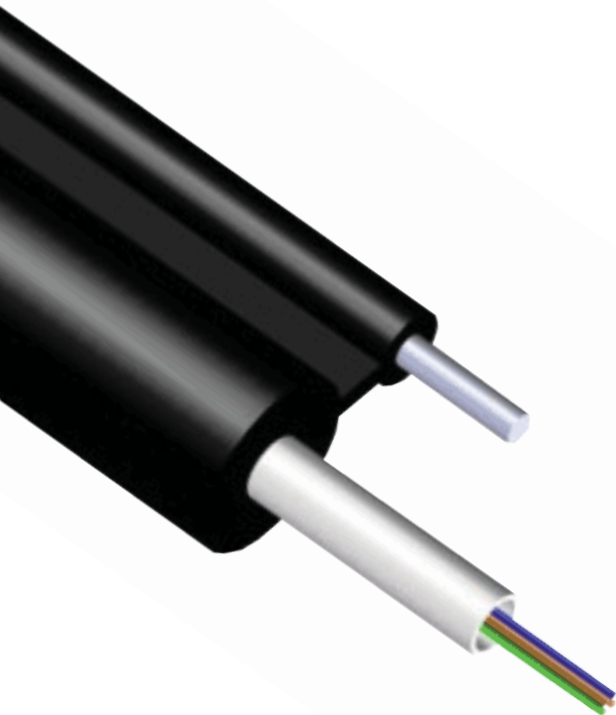
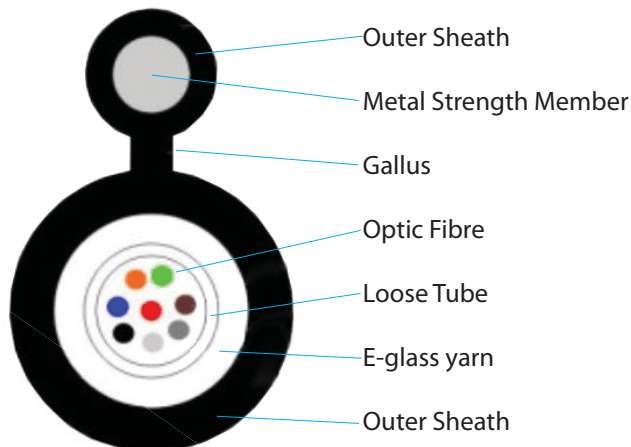
- GYXTC8Y
- GYXTC8S
- GYTC8S

APPLICATION

- Suitable for aerial duct and buried method
- Long distance and local area network communication

CHARACTERISTICS

- Stainless steel or galvanized steel self-supporting
- Excellent mechanical and environmental performance
- Fiber count: 2-24 cores



Fiber Allocation Scheme			
Fiber number	Tube number	Fiber per tube	Fiber type
2	1	2 F/Tube	SM G652D MM 50/125 MM 62.5/125
4	1	4 F/Tube	
6	1	6 F/Tube	
8	1	8 F/Tube	
12	1	12 F/Tube	
24	1	24 F/Tube	

Cable Construction Details		
Items	Description	
Number of fibre	2 cores to 24cores	
Connector strength member	Material	Galvanized steel wire
	diameter	1.2 mm
Loose tube	Material	PBT
	diameter	Φ2.8
Cable filling	material	Cable filling compound
Outer sheath	material	HDPE
	diameter	1.7±0.2mm

Cable Mechanical Characteristic		
Items	Cable diameter	Weight
2 cores to 24 cores	3.2*6.5 mm	54 kg/km
Installation Temperature range	-15--+60	
Operation and transport temperature	-40--+70	
Rec.daily max working tension	1500 N	
Max. Allowable working tension	600 N	
Min Bending Radius(mm)	operation	10D mm
	installation	20D
Extra load	0.5%-0.7%	
Ice	5mm	
Wind speed	35m/s	

Fibre Characteristic				
Fiber style	Unit	SM G652D	MM 50/125	MM 62.5/125
condition	nm	1310/1550	850/1300	850/1300
attenuation	dB/km	≤0.36/0.23	≤3.0/1.0	≤3.0/1.0
Dispersion	1310nm	Ps/(nm*km) ≥-3.4 ≤3.4	.....	.....
	1550nm	Ps/(nm*km) ≤18	.....	.....
	1625nm	Ps/(nm*km) ≤22	.....	.....
Bandwidth	850nm	MHZ. KM	≥ 800	≥500
	1300nm	MHZ. KM	≥ 800	≥500
Zero dispersion wavelength	nm	≥1302, ≤1322	.....	.....
Zero dispersion slope	Ps/(nm ² *km)	≤0.091	.....	.....
PMD Maximum Individual Fiber	Ps/km	≤0.2	.....	.....
PMD Design Link Value	Ps/km	≤0.08	.....	.....
Fibre cutoff wavelength λc	nm	≥ 1180, ≤1330	.....	.....
Cable cutoff wavelength λcc	nm	≤1260	.....	.....
MFD	1310nm	um	9.2±0.4	.....
	1550nm	um	10.4±0.8	.....
Numerical Aperture(NA)	.....	.....	0.200±0.015	0.275±0.015
Step(mean of bidirectional measurement)	dB	≤0.05	≤0.10	≤0.10
Irregularities over fiber length and point discontinuity	dB	≤0.05	≤0.10	≤0.10
Difference backscatter coefficient	dB/km	≤0.03	≤0.08	≤0.10
Attenuation uniformity	dB/km	≤0.01	.....	.....
Core diameter	um	.....	50±1.0	62.5±2.5
Cladding diameter	um	125.0±0.1	125.0±0.1	125.0±0.1
Cladding non-circularity	%	≤1.0	≤1.0	≤1.0
Coating diameter	um	242±7	242±7	242±7
Coating/chaffinch concentricity error	um	≤12.0	≤12.0	≤12.0
Coating non circularity	%	≤6.0	≤6.0	≤6.0
Core/cladding concentricity error	um	0.6	≤1.5	≤1.5
Curl(radius)	um	≤4	.....	.....

Packing Information:
 -Packing material: Wooden drum
 -Packing length: standard length of cable shall be 2000m. Other cable length is also available if required by customer.
 -Drum size: 55*55*80 cm
 -Packing weight: 140 kg/ drum



Application:

Dual fibre transceiver is a high performance transceiver module for Gigabit Ethernet data link over a singlemode fiber pair. The maximum reach is 10km, for a 10dB end of life (EOL) power budget. The emitter is a 1310nm Fabry Perot (FP) laser, the receiver a PIN photodiode.

This transceiver module is compliant with the Small Form-factor Pluggable (SFP) Multisource Agreement (MSA) and hot pluggable.

Features

- SFP Multi-Source Agreement compliant
- Dual LC connector
- 1310nm FP transmitter
- 10km point-to-point transmission on singlemode fibre
- 1x Fibre Channel compliant
- Gigabit Ethernet compliant
- Hot pluggable SFP footprint
- Serial ID functionality supported according to SFF-8472
- Class 1 laser safety standard IEC 60825 compliant
- Low power dissipation (<1W)
- Operating temperature range -40°C to 85°C
- Digital diagnostics monitoring (DDM) Option

Applications

- FTTx
- Gigabit Ethernet
- Storage

The optical ports of the module need to be terminated with an optical connector or with a dust plug in order to avoid contamination.



Product Details

Part Number	Description	Nominal Wavelength [nm]	Average Output Power (1) [dBm]	Typical Optical Receiver Sensitivity (2) [dBm]	Optical Receiver Overload [dBm]
615-SFP13010GE00	SFP dual fibre, Tx 1310nm (FP) , Rx (PIN), maximum distance 10km, power budget 10dB, Gigabit Ethernet, LC connector, 0°C to 70°C	1310nm	-10 to -3	-20	0
615-SFP13010GE0D	SFP dual fibre, Tx 1310nm (FP) , Rx (PIN), maximum distance 10km, power budget 10dB, Gigabit Ethernet, LC connector, 0°C to 70°C, DDM	1310nm	-10 to -3	-20	0
615-SFP13010GE20	SFP dual fibre, Tx 1310nm (FP) , Rx (PIN), maximum distance 10km, power budget 10dB, Gigabit Ethernet, LC connector, -40°C to 85°C	1310nm	-10 to -3	-20	0
615-SFP13010GE2D	SFP dual fibre, Tx 1310nm (FP) , Rx (PIN), maximum distance 10km, power budget 10dB, Gigabit Ethernet, LC connector, -40°C to 85°C, DDM	1310nm	-10 to -3	-20	0

[1] EOL, over operating temperature range
[2] Measured at Gigabit Ethernet



Application: Storage unit for handling slack of optical patch cords.

The main application for this unit is to handle slack of patch cables connected between any fiber optic unit like transmission equipment, ODFs, splitter shelves etc.

Using a storage unit in a system enables the possibility to use a standardized length of patch cords rather than finding the optimized length for each individual case.

Design

The unit is divided in 24 compartments for vertical storage of the patch cords. Up to 6 m of slack can be stored in one compartment.

The mounting brackets fit both 19" standard mount and metric (ETSI) mounting holes.

Features

- 2U for 19" standard width
- Fits metric mounting pattern
- Small depth, 185 mm
- Stores 24 x 6 m patch slack
- Front serviced
- Light weight

Material

The termination unit is made of painted Aluzinc sheet steel. All products are in accordance with RoHS.

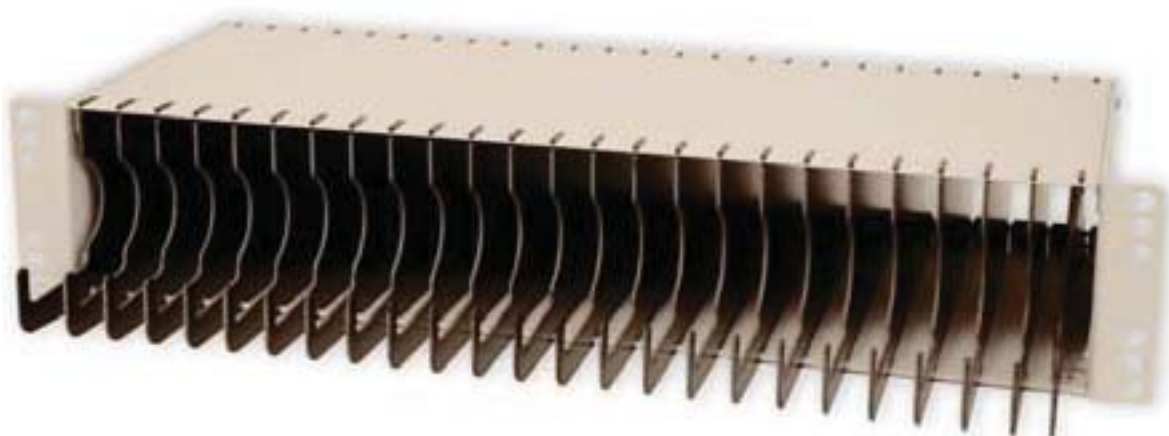
Size, weight & colour

Weight: 2.2 Kg

Dimensions excl. brackets:

(HxWxD): 88 x 482 x 185 (234) mm

Color: Coral white



**Fibre Optic Stripper****Description**

This hard wearing, easy to handle fibre optic stripping tool includes three stripping guides for: 2mm outer jacket, 900µm Buffer, and 250µm acrylic coating, Safety catch and factory set adjuster.

Stock Code

902-OPT-FOS

Jacket Stripper**Description**

Ideal for stripping jackets from backbone cable between 4.5mm and 25mm in diameter. A small rotating blade accurately splits the circumference of the jacket, then by flicking a switch, the same blade will rotate 90° and is used to split the jacket down one side for easy removal.

Stock Code

902-OPT-CS

Carbide Pen Cleaver**Description**

This well presented pen-style scribe, uses a 30° wedge shaped carbide tip. Its design makes for quick and precise cleaving of optical fibre.

Stock Code

902-OPT-CPC

Fibre Optic Crimp Tool**Description**

This professional ratchet-style crimping tool is constructed of solid steel. The rubber handle provides a firm grip and includes a ratchet mechanism for consistent crimping.

Crimp Specifications:

.78" / .151" / .128" / .78" / .068" / .042"
(4.52 / 3.84 / 3.25 / 2.0 / 1.72 / 1.07mm)

Stock Code

901-OPT-FOCT

Kevlar® Scissors**Description**

These light-weight shears are ideal for cutting the Kevlar® strength members found in fibre optic cables. Ergonomic, moulded handles provide comfort for both right and left-handed users. The one micro-serrated blade reduces slipping for more positive cutting action. Length: 140mm Weight: 79g.

Stock Code

902-OPT-KS

Kevlar is a registered trademark of DuPont



Fibre optic cable stripper

**Description**

The CF2-2 stripper incorporates two holes for stripping fibre optic cable. The first size accurately removes 250µm coatings and 900µm buffer tube. The second hole is able to strip cable jackets up to 3mm diameter.

Stock Code

902-CFS-2

Tri-hole fibre optic cable stripper

**Description**

The tri-hole fibre optic stripper is an exceptional tool, recommended for stripping 250µm coated loose tube fibre and 900µm buffer tube. This stripper has a .0055" (0.14mm) laser drilled hole, soft plastic cushioned handle grip, and super accurate hardened stripping jaws ensuring a clean smooth stripping action.

Stock Code

902-FO103-T-250-J

Dual-hole fibre optic stripper

**Description**

The FO103-D-J A 140µm diameter hole and V-opening in the blade make this tool ideal for stripping 250µm buffer coating, to expose 125µm clad fibre. A second hole strips 2-3mm fibre jackets. It is pre-set at the factory so no adjustments are needed.

Stock Code

902-FO103-D-J

Miller V-hole fibre optic strippers

**Description**

These factory set strippers require no adjustment and prevent scratching or nicking of optical fibre. All cutting surfaces are precision formed, hardened, tempered and ground, assuring precise buffer removal.

Stock Code

902-FO103-S

NO-NIK 200µm fibre optic stripper

**Description**

In a single short stroke the red handle removes 900µm buffer tube and the 250µm or 500µm fibre coating on tight buffer cable.

Stock Code

902-NN203

**Cable cutter****Description**

These durable cable cutters are designed to strip solid and stranded copper and aluminium conductor. Constructed of high quality carbon steel the preformed rounded jaws automatically position for optimum cutting.

Stock Code

902-CC60

Jacket stripping tool**Description**

This stripper can be used on 4.5 to 28.5mm cable insulations and has an adjustable cutting depth of 3mm, as well as alternative blade options to suit different jacket types. Its stripping action is both circumferential and longitudinal, for the removal of insulation or mid span wires.

Stock Code

902-MK02

Jacket stripping tool**Description**

Designed for precision stripping of a variety of insulation types including rubber, PVC, nylon, cotton and coaxial cables from 8mm to 25mm diameter. Its stripping action is both circumferential and longitudinal for the removal of insulation

Stock Code

902-MK01A

Magni tweezers**Description**

This handy stainless steel tool is specifically suited to fibre optic applications. Its integral magnifier improves ability to work with small fibre optic segments.

Stock Code

902-MT-1

NO-NIK 200µm fibre optic stripper**Description**

Professional grade tool ideal for slitting the corrugated copper, steel or aluminium armour layer on fibre feeder, central tube, stranded loose tube fibre optic cables and other armoured cables.

Stock Code

902-ACS



RF Coaxial TV Aerial Lead Coax Plug to Plug Black Gold

**Length**

0.5m

1m

1.5m

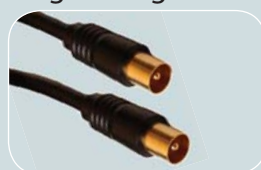
Stock Code

312-PSG00629

312-PSG00630

312-PSG00631

Pro Signal RF Aerial Coax Plug to Plug Cable GOLD Plated

**Length**

2m

3m

5m

10m

Stock Code

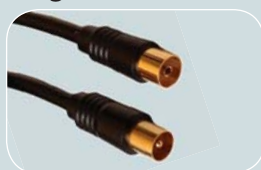
312-PSG00632

312-PSG00633

312-PSG00634

312-PSG00635

Pro Signal RF Aerial Coax Plug to Socket Cable GOLD

**Length**

0.5m

3m

Stock Code

312-PSG00600

312-PSG00604

Pure OFC HQ RF TV Aerial Coaxial Lead Gold Male Plug To Plug

**Length**

2m

3m

5m

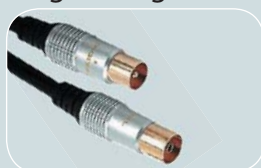
Stock Code

312-PSG02710

312-PSG02711

312-PSG02712

RF Coaxial TV Aerial Lead Coax Plug to Plug Black Gold

**Length**

3m

5m

Stock Code

312-PSG02708

312-PSG02709

UK Power Distribution Unit, suitable for use in a 19" data cabinet.

16 Amps total load.

- Supplied with 3mtrs flex to 13A UK fuse plug top.
- Red Neon Indicated Double Pole Switch.
- Alternative plugs available

Dimensions

- 480.5mm (with ears)
- 460.5mm (without ears)

UK 19" Horizontal Rack Mount



Description	Stock Code
4 Way	820-X194
5 Way	820-X195
6 Way	820-X196
8 Way	820-X198

UK Neon Indicated 19" Horizontal Rack



Description	Stock Code
4 Way	820-X194N
5 Way	820-X195N
6 Way	820-X196N
8 Way	820-X198N

UK Switched 19" Horizontal Rack Mount



Description	Stock Code
4 Way	820-X194S
5 Way	820-X195S
6 Way	820-X196S
8 Way	820-X198S

IEC Power Distribution Unit, suitable for use in a 19" data cabinet.

16 Amps total load.

- Supplied with 3mtrs flex to 13A UK fuse plug top.
- Red Neon Indicated Double Pole Switch.
- Alternative plugs available

Dimensions

- 480.5mm (with ears)
- 460.5mm (without ears)

IEC C13 19" Horizontal Rack Mount



Description	Stock Code
4 Way	820-X194E
8 Way	820-X198E
12 Way	820-X1912E
16 Way	820-X1916E

4 Way	820-X194E
8 Way	820-X198E
12 Way	820-X1912E
16 Way	820-X1916E

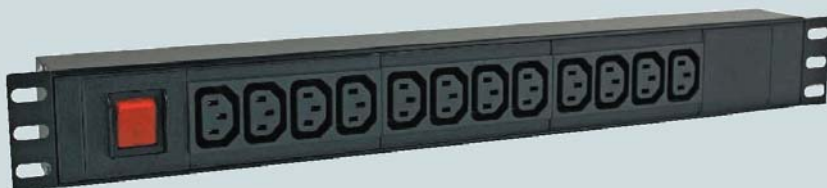
IEC C13 Neon Indicated 19" Horizontal Rack Mount



Description	Stock Code
4 Way	820-X194EN
8 Way	820-X198EN
12 Way	820-X1912EN
16 Way	820-X1916EN

4 Way	820-X194EN
8 Way	820-X198EN
12 Way	820-X1912EN
16 Way	820-X1916EN

IEC C13 Switched 19" Horizontal Rack Mount



Description	Stock Code
4 Way	820-X194ES
8 Way	820-X198ES
12 Way	820-X1912ES
16 Way	820-X1916ES

4 Way	820-X194ES
8 Way	820-X198ES
12 Way	820-X1912ES
16 Way	820-X1916ES

IEC Power Distribution Unit, suitable for use in a 19" data cabinet.

16 Amps total load.

- Supplied with 3mtrs flex to 13A UK fuse plug top.
- Red Neon Indicated Double Pole Switch.
- Alternative plugs available

Dimensions

- 480.5mm (with ears)
- 460.5mm (without ears)

IEC C19 19" Horizontal Rack Mount



Description	Stock Code
4 Way	820-X194C19
5 Way	820-X195C19
6 Way	820-X196C19
8 Way	820-X198C19

IEC C19 Neon Indicated 19" Horizontal Rack Mount



Description	Stock Code
4 Way	820-X194C19N
5 Way	820-X195C19N
6 Way	820-X196C19N
8 Way	820-X198C19N

IEC C19 Switched 19" Horizontal Rack Mount



Description	Stock Code
4 Way	820-X194C19S
5 Way	820-X195C19S
6 Way	820-X196C19S
8 Way	820-X198C19S

Combined UK/IEC Power Distribution Unit, suitable for use in a 19" data cabinet.

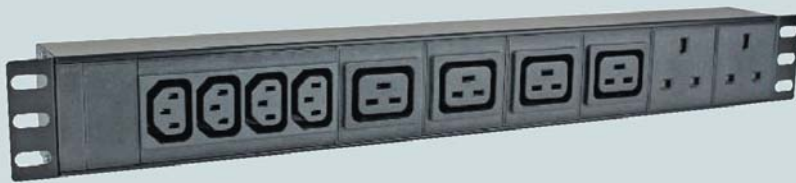
16 Amps total load.

- Supplied with 3mtrs flex to 13A UK fuse plug top.
- Red Neon Indicated Double Pole Switch.
- Alternative plugs available

Dimensions

- 480.5mm (with ears)
- 460.5mm (without ears)

UK / IEC Combination 19" Horizontal Rack Mount



Description	Stock Code
4 x C13/ 4 x C19/ 2 x UK	820-X19C1
4 x C13/ 2 x C19/ 4 x UK	820-X19C2
8 x C13/ 3 x C19	820-X19C3
4 x C13/ 6 x UK	820-X19C4

UK / IEC Neon Indicated Combination 19" Horizontal Rack Mount



Description	Stock Code
4 x C13/ 4 x C19/ 2 x UK neon	820-X19C1N
4 x C13/ 2 x C19/ 4 x UK neon	820-X19C2N
8 x C13/ 3 x C19 neon	820-X19C3N
4 x C13/ 6 x UK neon	820-X19C4N

UK / IEC Switched Combination 19" Horizontal Rack Mount



Description	Stock Code
4 x C13/ 4 x C19/ 2 x UK switch	820-X19C1S
4 x C13/ 2 x C19/ 4 x UK switch	820-X19C2S
8 x C13/ 3 x C19 switch	820-X19C3S
4 x C13/ 5 x UK switch	820-X19C4S

**Description**

UK Plug to IEC Female 1m
UK Plug to IEC Female 2m
UK Plug to IEC Female 3m

Stock Code

318-DL1S
318-DL2S
318-DL3S

**Description**

UK IEC Male to IEC Female 1m
UK IEC Male to IEC Female 2m
UK IEC Male to IEC Female 3m

Stock Code

318-DL1
318-DL2
318-DL3

**Description**

Figure 8 (C7) to UK Plug Black 0.5m
Figure 8 (C7) to UK Plug Black 1m
Figure 8 (C7) to UK Plug Black 2m
Figure 8 (C7) to UK Plug Black 3m
Figure 8 (C7) to UK Plug Black 5m
Figure 8 (C7) to UK Plug Black 10m

Stock Code

318-C708-078/0.5
318-C708-078/1
318-C708-078/2
318-C708-078/3
318-C708-078/5
318-C708-078/10

**Description**

Cloverleaf (C5) to UK Plug Black 0.5m
Cloverleaf (C5) to UK Plug Black 1m
Cloverleaf (C5) to UK Plug Black 2m
Cloverleaf (C5) to UK Plug Black 3m
Cloverleaf (C5) to UK Plug Black 5m
Cloverleaf (C5) to UK Plug Black 10m

Stock Code

318-C508-078/0.5
318-C508-078/1
318-C508-078/2
318-C508-078/3
318-C508-078/5
318-C508-078/10

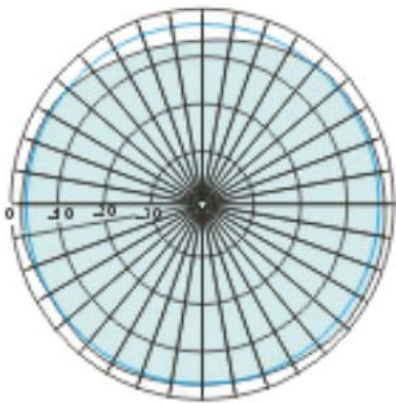


Omni Directional Ceiling Antenna
698-960/1710-2700MHz 2/5dBi

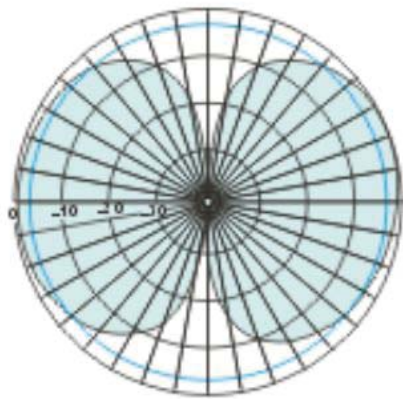
<i>Electrical</i>		
Frequency range (MHz)	698-806/806-960/1710-2700	
Polarization	Vertical	
Gain(dBi)	2/5	
Half-power beam width(°)	Hor:360	Ver:60/30
Un-roundness(dB)	±2	
Impedance(Ω)	50	
VSWR	≤1.8/≤1.4≤1.4	
Maximum input power(W)	100	
Lightning protection	DC Ground	

<i>Mechanical</i>		
Connector	N-female	
Connector position	Bottom	
Size (mm)	φ185×85	
Packing size(mm)	150×150×190	
Antenna weight(kg)	0.4	
Packing weight(kg)	0.45	
Wind loading area(m²)	≤0.2	
Rated wind velocity(m/s)	36.9	
Reflector material	Aluminium	
Radome material	ABS	
Radome color	White	
Operating temperature(°C)	-40 ~ 55	

Stock Code	710-EHS1BA029A
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H-Plane



E-Plane

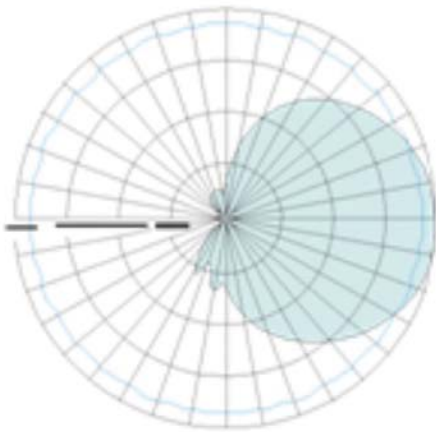


Wall Mount Antenna
698-960/1710-2700MHz 7/8dBi

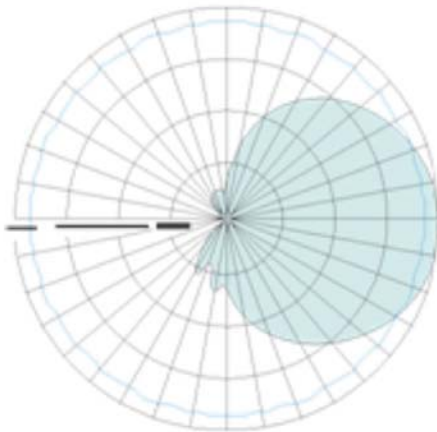
<i>Electrical</i>	
Frequency range (MHz)	698-960/1710-2700
Polarization	Vertical
Gain(dBi)	7/8
Half-power beam width(°)	Hor:72±15 Ver: 70±10
Front-to-back ratio(dB)	≥8
Intermodulation IM3	≤-107dBm(2W)
Impedance(Ω)	50
VSWR	≤1.8/≤1.5
Maximum input power(W)	50
Lightning protection	DC Ground

<i>Mechanical</i>	
Connector	N-female
Connector position	With cable
Size (mm)	207×177×45
Packing size(mm)	260×190×50
Antenna weight(kg)	0.35
Packing weight(kg)	0.38
Wind loading area(m²)	≤0.2
Rated wind velocity(m/s)	36.9
Reflector material	Aluminium
Radome material	ABS
Radome color	White
Operating temperature(°C)	-40 ~ 55

Stock Code	710-EHS1BB011A
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H-Plane



E-Plane



Pliers 6A Frame Handle

Stock Code

901-0001-007

The PCC-5310 is a precision, ratchet crimp tool designed to provide consistent and reliable crimp connections on coaxial connectors.

Technical Data

Part Code	PCC-5310/T1025
Length	200 mm / 7,87"
Height	164 mm / 6,46"
Weight	530 gr / 1,17 lbs
Connector	Coaxial



Supplied with case



Case for 6A, 4 Dies, MH800 & 2 gauges

Stock Code

901-0111-008



Pliers 6A Die Sets



Description	Inner Hex (mm)	Outer Hex (mm)	BT Reference	Stock Code
6A Die Set	1.69	7.01	WF	901-0051-007
6A Die Set BT2002	1.46	5.18	VQ	901-0052-007
6A Die Set BT2003	1.46	6.81	VR	901-0053-007
6A Die Set RG179/RA8000	1.46	3.25	VB	901-0054-007
6A Die Set BT3002	1.46	4.52	VC	901-0055-007
6A Die Set	-	4.33	-	901-0056-007
6A Die Set	1.69	5.41	WD	901-0057-007
6A Die Set	1.69	4.52	WC	901-0059-007
6A Die Set	1.46	2.67	VA	901-0061-007
6A Die Set	1.69	3.25	WB	901-0062-006
6A Die Set	-	3.25	B	901-0064-007
6A Die Set	1.69	6.48	WE	901-0083-007
6A Die Set	2.57	10.90	-	901-0085-007
6A Die Set	1.69	8.23	WG	901-0087-007
6A Die Set	1.46	8.23	VG	901-0088-007
6A Die Set	1.69	2.67	WA	-



M22520/10-01 HX3 Crimp Tool

Stock Code
901-0002-008

This open frame hand crimp tool is designed to feature a system of interchangeable dies which eliminates the need of separate fixed die crimp tools for each different application.



Technical Data	
Part Code	M22520/10-01
Length	229mm / 9"
Width	20mm / 0.8"
Weight	312g / 0.69 lbs
Connector	Coaxial & Tri-axial



Description	Inner Hex (mm)	Outer Hex (mm)	Stock Code
X118 Die Set RG179	-	3.25	901-0076-008
X144 Die Set RG223	-	5.41	901-0079-008
X161 Die Set	1.46	4.57	901-0077-008
X163 Die Set	1.46	7.72	901-0078-008
X259 Die Set BT3002	-	4.52	901-0075-008
X260 Die Set BT2002	-	5.18	901-0072-008
X261 Die Set BT2003	-	6.81	901-0073-008

M22520/5-01 HX4 Crimp Tool

Stock Code
901-0003-008

This open frame hand crimp tool is designed to crimp various sizes and types of ferrules, coaxial connectors, contacts, splices, and terminal lugs to cables and wires.



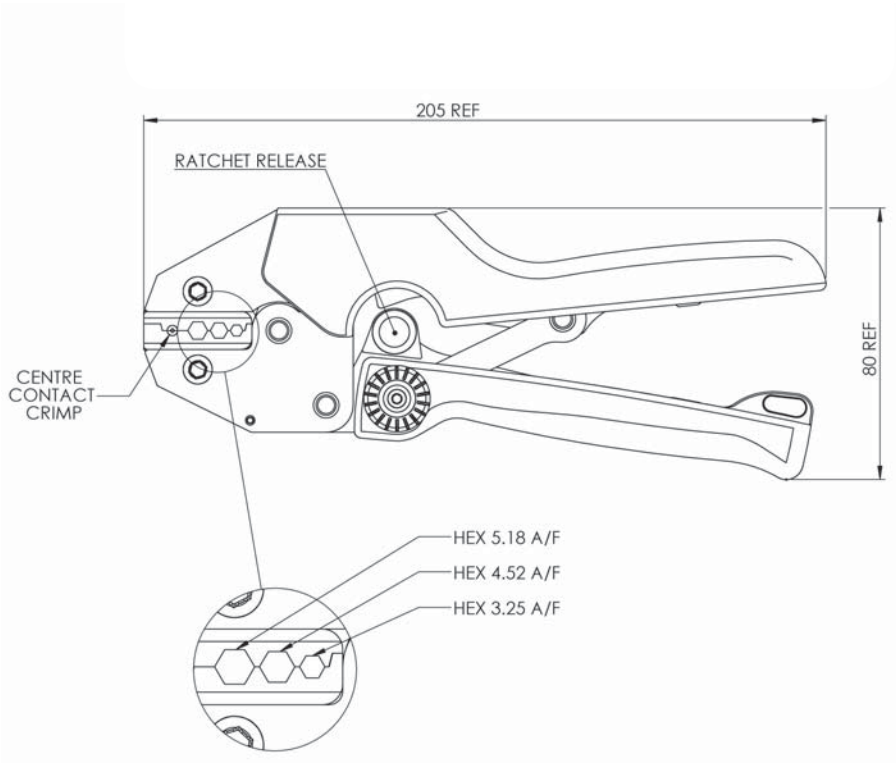
Technical Data	
Part Code	M22520/5-01
Length	279mm / 11"
Weight	595g / 1.31 lbs
Connector	Coaxial & Tri-axial



Description	Inner Hex (mm)	Outer Hex (mm)	Stock Code
Y1601 HX4 Die Set	⊕ 4.27	⊕ 6.50	901-0090-008
11W 150-403 HX4 Die Set	⊞ 0.73	⊕ 3.63	901-0091-008

Type 43 Crimp Tool
One Tool to Crimp All

Crimps centre contacts and crimp sleeves for all
BT approved* Type 43 connectors.



Crimp Size A/F	Cable
HEX 5.18mm	BT2002, RA7000
HEX 4.52mm	BT3002
HEX 3.25mm	RG179, RA8000

*Interface, ITT, Radiall.



MH800(GB109)

Stock Code
901-0021-008

The MH800 (GB109) Pliers is an ultra precision crimp tool designed for Type 43, HDC43, UHDC43 & Type 54 inner coaxial



Technical Data	
Part Code	MH800 (GB109) - Pliers 19A
Length	190mm / 7.48"
Height	30mm / 1.18"
Weight	344.7g / 0.76 lbs
Connector	Coaxial

AFM8 (M22520/2-01)

Stock Code
901-0022-008

The M22520/2-01 is a miniature adjustable crimp tool designed for most of the miniature and sub-miniature connector types



Technical Data	
Part Code	M22520/2-01
Length	171mm / 6.75"
Height	110mm / 4.33"
Weight	425g / 0.94 lbs
Connector	Coaxial, Circular / Rectangular



Positioner	Stock Code
Positioner K1057/T4835 (1.0/2.3)	901-0305-008
Positioner K1166/T4831 (ITT 1.6/5.6)	901-0307-008
Positioner K1388/T4868 (ITT BNC)	901-0310-008
Positioner K1335/T4852 (1.0/2.3)	901-0312-008
Positioner K1247S (SMB)	901-0314-008
Positioner K1479 (BNC Jack)	901-0320-008
Positioner K970 (M4 Male)	901-0324-008
Positioner K998-1 (M4 Female)	901-0328-008

DCC Ratchet Crimp Tool

The Pressmaster DCC range are precision, ratchet crimp tool designed to provide consistent and reliable crimp connections.



Technical Data	
Length	198mm / 7.80"
Height	65mm / 2.56"
Weight	350g / 0.77 lbs
Connector	Coaxial

- Symmetric dies for right and left handed operation
- Ergonomic handles for low effort crimping
- Ratchet action to ensure full crimp cycle with safety release
- Durable - minimum of 50,000 cycles
- Tool is factory set with a precise eccentric cam adjustment function to guarantee performance

Description	0.70	1.20	1.69	3.25	3.80	4.52	5.41	6.48	6.80	Stock Code
										
DCC-0908			●	●		●				901-0908-007
DCC-1113			●				●	●		901-1113-007
DCC-2124	●	●			●				●	901-2124-007

Professional Ratchet Crimp Tool

This range of ratchet crimp tools provide a professional crimp termination with the convenience of multiple cavities in a single tool. On tool adjustments allow for an adjustable crimp pressure.



Technical Data	
Length	220mm / 8.7"
Weight	483g / 1.06 lbs
Connector	Coaxial

Description	0.71	0.99	1.07	1.09	1.19	1.72	1.98	2.54	3.25	3.48	3.84	4.52	4.75	5.41	6.48	6.50	6.65	8.23	9.14	10.90	Stock Code
																					
HT-336J			●			●	●		●		●	●					●		●		901-0018-002
HT-336A						●								●		●					901-0040-002
HT-336P1						●		●						●	●			●			901-0041-002
HT-336T	●	●			●			●	●												901-0042-002
HT-336K								●	●								●		●	●	901-0043-002
HT-336C2						●												●			901-0044-002
HT-336A4						●							●	●	●						901-0045-002
HT-336G				●		●		●		●				●	●						901-0047-002

CMC Tools

The CM Coax range of ratchet crimp tools provide a professional and reliable crimp every time.



Technical Data	
Model no:	CMC.702/xx
Length	198mm / 7.80"
Weight	350g / 0.77 lbs

Cavity Size A / F (mm)

Description	0.70	1.20	1.70	3.25	3.80	4.06	4.52	5.41	6.48	6.80	Stock Code
											
CMC.702/03	●	●			●					●	901-7203-004
CMC.702/04	●	●				●		●			901-7204-004
CMC.702/05			●					●	●		901-7205-004
CMC.702/09	●			●			●				901-7209-004
CMC.702/11			●		●					●	901-7211-004
CMC.702/12					●					●	901-7212-004
CMC.702/13		●		●			●				901-7213-004
CMC.702/17		●		●			●	●			901-7217-004
CMC.702/19		●		●	●					●	901-7219-004
CMC.702/26	●	●				●				●	901-7226-004

Non-Ratchet Crimp Tool

This range of ratchet crimp tools provide a professional crimp termination with the convenience of multiple cavities in a single tool. On tool adjustments allow for an adjustable crimp pressure.



Technical Data	
Length	220mm / 8.7"
Weight	483g / 1.06 lbs
Connector	Coaxial: F-Type Fibre: SMA, SMB, SMC, MCX

Description	1.92	2.54	8.20	8.60	9.10	10.30	11.40	11.95	Stock Code
	⬡	⬡	⬡	⬡	⬡	⬡	⬡	⬡	
HT-106G			●				●		901-0032-002
HT-106L		●			●	●			901-0033-002
HT-106Q		●	●					●	901-0034-002
HT-106X	●			●					901-0035-002



Cable Strippers

**Description**

Stripper 9A BT3002

Stripper 8A BT2001/2/3

Stock Code

902-1005-009

902-1006-009

Cam & Guide BT2002

902-1112-009

Cam & Guide BT2003

902-1113-009

Cam & Guide RG179B/U

902-1114-009

Cam & Guide RG179PVC

902-2225-009

Cam & Guide BT3002

902-1115-009

Cam & Guide TZC

902-1117-009

Cam & Guide RG223

902-1119-009

Cam & Guide RA8000

902-1120-009

Cam & Guide RG59

902-1121-009

Cam & Guide RA7000

902-1122-009

9A/8A Spare Blades 25PK

902-1200-009

TOR Cable Jacket Stripper

**Stock Code**

902-1010-007

Tor is a professional stripping tool for cables of all insulation types. By rotating the body of the tool the blade can be fixed in any one of three positions providing circular cuts about the cable and lengthways or spiral cuts along the cable.

Unique to this type of tool Tor features interchangeable cable retention hooks giving it an incomparable cable stripping capacity of up to 40mm/1.5 inch diameter in one tool. Designed to fit the hand and for ease of use, Tor can strip the most difficult cables in the harshest of environments.

Centre Conductor Nippers 3A

**Stock Code**

902-2000-017

Micro-shear flush cutter

**Stock Code**

902-2001-042



1/2" Flexible Cable

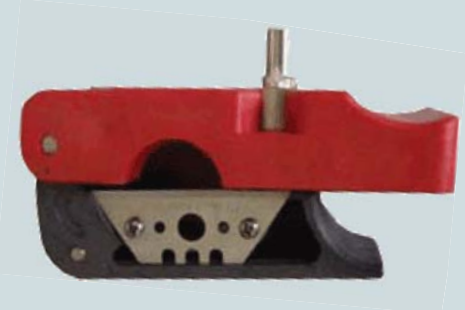


Stock Code

902-CT12

- Cutting Tool for 1/2" RF Cable
- Main Material: Nylon
- Materials of parts: Stainless Steel
- Spare blades: 2

7/8" Flexible Cable

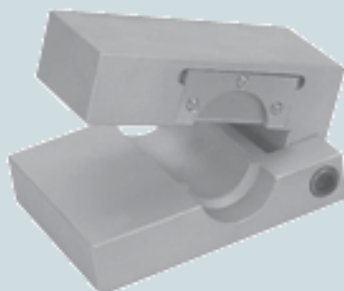


Stock Code

902-CT78

- Cutting Tool for 7/8" RF Cable
- Main Material: Nylon
- Materials of parts: Stainless Steel
- Spare blades: 2

1 1/4" Flexible Cable



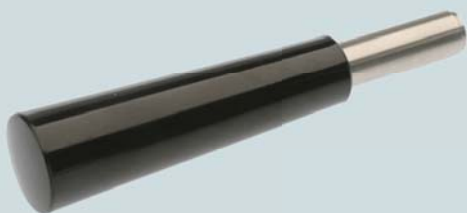
Stock Code

902-CT114

- Cutting Tool for 1-1/4" RF Cable
- Main Material: Aluminum Alloy
- Materials of parts: Stainless Steel
- Spare blades: 2



BT43 Extraction Tool 65A

**Description**

BT43 Extraction Tool 65A

Stock Code

903-0005-002

This tool has the single purpose of extracting standard size Type 43 DDF plugs (white clip)

HDC43 T Bar Tool

**Description**

HDC43 T Bar Tool

Stock Code

903-0010-002

This tool has three functions:

- Insertion of HDC43 DDF plug
- Removal of HDC43 U Link
- Removal of HDC43 DDF (blue clip)

1.6/5.6 B/H Assembly tool

**Description**

1.6/5.6 B/H Assembly tool

Stock Code

903-0020-004

1.0/2.3 B/H Assembly tool

**Description**

1.0/2.3 B/H Assembly tool

Stock Code

903-0021-004

1.0/2.3 B/H Assembly tool 8.2mm

903-0022-004

1.0/2.3 B/H Assembly tool 9.2mm

903-0023-004



Heat Shrink

2:1 Shrink Ratio	Standard grade polyolefin, 2:1 shrink ratio, shrink with hot airgun or naked flame, flexible, excellent insulation properties, easily print on, without adhesive and does not melt-resistant to cold air flow.
Application	SG is flexible, flame retardant heat shrinkable polyolefin tubing designed for wide range of applications such as insulation, marking, strain relief and mechanical protection.
Shrinking properties	Radial shrinkage: 50% min Longitudinal shrinkage: 5% max Tubing has ability to shrink at comparatively low temperatures of 100°C
Specifications	UL224 125OC 600V VW-1 CSA C22.2 No. 198 125OC 600V RoHS Compliant
Available Colours	Black (08), blue (05), yellow (03), red (06), white (07), clear (13), brown (10) and grey (04)
Sold by the metre or in packs of pre-cut lengths xx = colour	

Inner Diameter	Wall Thickness	Stock Code
1.2mm	0.41mm	405-012xx-029
1.6mm	0.43mm	405-016xx-029
2.4mm	0.51mm	405-024xx-029
3.2mm	0.51mm	405-032xx-029
4.8mm	0.51mm	405-048xx-029
6.4mm	0.64mm	405-064xx-029
9.5mm	0.64mm	405-095xx-029
12.8mm	0.64mm	405-127xx-029
19.1mm	0.76mm	405-019xx-029
25.4mm	0.89mm	405-025xx-029
38mm	1.02mm	405-038xx-029
50mm	1.14mm	405-050xx-029
75mm	1.27mm	405-075xx-029
102mm	1.40mm	405-102xx-029





PVC Adhesive Electrical Tape

	19mm x 20m	19mm x 33m	25mm x 33m	50mm x 33m
Black	408-192008-029	408-193308-029	408-253308-029	408-503308-029
Blue	408-192005-029	408-193305-029	408-253305-029	408-503305-029
Brown	408-192010-029	408-193310-029	408-253310-029	408-503310-029
Green	408-192002-029	408-193302-029	408-253302-029	408-503302-029
Grey	408-192004-029	408-193304-029	408-253304-029	408-503304-029
Red	408-192006-029	408-193306-029	408-253306-029	408-503306-029
White	408-192007-029	408-193307-029	408-253307-029	408-503307-029
Yellow	408-192003-029	408-193303-029	408-253303-029	408-503303-029
Green/Yellow	408-1920GY-029	408-1933GY-029	408-2533GY-029	408-5033GY-029

	Thickness mm	Adhesive kg/25mm	Tensile Strength kg/25mm	Elongation %	Breakdown voltage Kv	Insulation class °C
Colours	0.13	0.47	5.2	150	5.5	80
Green/Yellow	0.13	0.47	5.0	125	5.0	80



Butyl 62 - Rubber Cable Jointing Tape

Stock Code	408-BUTYL
Pack Qty	10
Box Qty	100
Dimensions	62mm x 3mm x 600mm
Material	Putty
Colour	Black

Putty sealant. Butyl putty and 3M Scotchfil Electrical Insulation Putty Tape are electrical grade, rubber-based, elastic-type putties in tape form.

Use it as a build-up compound on highly irregular surfaces, such as fittings and valves, to provide a smooth, waterproof taping surface.



Self-Amalgamating Tape

- Pliable
- High grade self amalgamating tape
- EPR based

Application

- Insulation of power and distribution cables up to 46kV
- Repair and bonds between numerous insulating and sheathing materials e.g. PE, XLPE, EPR, PVC, butyl, neoprene
- Sealing of moulds and reinforcing cable insulation

Features

- Excellent physical and electrical properties that guarantee long life
- Good dielectric properties
- Extremely ductile
- Welds quickly to a homogenous mass without cavities
- Non tacky
- Easy to handle and apply

Width (mm)	Length (mm)	Stock Code
19	10	408-CP62
Thickness: 0.75mm		



Dry Vinyl Harness

A flame resistant dry vinyl general purpose harness tape, with high elongation and good ageing character-

Application: For use as an electrical insulation tape for bundling wires and cables.

Width (mm)	Length (mm)	Stock Code
19	40	408-HT1940
25	40	408-HT2540
Colour: Black		



Properties	Average Test Values
Total Thickness	0.12mm
Tensile Strength	5.4 kg/25mm
Elongation	192%
Unwinding Force	549 g/25mm
Dielectric break-down	8 KV
Flammability	1 sec

Denso Tape

- Self-adhesive petrolatum tape
- British Gas approved
- Requires minimum preparation
- Flexible
- Effective long term sealing and protection

Width (mm)	Length (mm)	Stock Code
50	10	408-DENSOTAPE1050
75	10	408-DENSOTAPE1075
100	10	408-DENSOTAPE10100
150	10	408-DENSOTAPE10150





Scotch® 23 Lined Premium Rubber

Application

- Primary insulation for splicing cable up to 69kv
- Primary insulation for building stress cones on cables up to 35kv on all solid dielectric cable
- Jacketing on all high-voltage splices and terminations
- Moisture sealing electrical connections
- End sealing high-voltage cables
- Bus bar insulations

Features

- Non-vulcanising and shelf-stable with excellent electrical properties
- A special polyester liner which will not stick to the tape on unwind
- Can be stretched up to 100% to give void-free, moisture-resistant insulation
- Up to 90°C continuous operating temperatures and 130°C emergency overload temperature
- Self-fusing

Width (mm)	Length (m)	Stock Code
19	9.15	408-HT002001309
Also available in 25, 38mm widths		



3M™ Scotchfil™ Electrical Insulation Putty

3M™ Scotchfil™ Electrical Insulation Putty can be wrapped, stretched or molded around irregular shapes for quick, smooth insulation build-up. Use 3M™ Scotchfil™ putty to insulate connections up to 600 volts and to round out high-voltage connections to gear, smooth bus bar irregularities, and make a moisture seal at ground wire exits in high-voltage splices. UL Recognized Component listing for 176°F (80°C) when used in combination with Scotch® Super 33+ or Scotch® Super 88 tapes.

Width (mm)	Length (m)	Stock Code
38	3.2	408-3MSCOTCHFIL
Also available in 25, 38mm widths		



Scotch® Super 33+ Premium Quality Black PVC Electrical Insulation Tape 20m x

Width (mm)	Length (m)	Stock Code
19	20	408-80611207012

Scotch® Super 33+ Electrical Tape is a premium grade, 0.178mm thick, all-weather vinyl insulating tape. It is designed to perform continuously in ambient temperatures of up to 105°C (220°F). The tape is conformable, and suitable for cold weather applications down to -18°C (0°F). The combination of elastic backing and aggressive adhesive provides moisture-tight electrical and mechanical protection with minimum bulk.

Features

- Excellent resistance to abrasion, moisture, alkalis, acids, corrosion and varying weather conditions (including ultraviolet exposure)
- Flame retardant
- Conforms to BS 3924 and UL510

Applications

- Primary electrical insulation for all wire and cable splices rated up to 600V



Scotch® Super 88 All Weather PVC Electrical Insulation Tape

Width (mm)	Length (m)	Stock Code
19	20	402-80610833867
25	33	402-80610138978

3M™ Scotch® Super 88 Tape is one of 3M's highest quality electrical tapes, offering all weather insulation. Having invented the world's first insulation tape, 3M sets the standard for quality, efficiency, durability and versatility. Slightly thicker than 33+, Super 88 offers superb abrasion resistance and consistent electrical strength even when wet.

-Designed with an elastic backing and an aggressive adhesive, to provide a moisture-tight electrical and mechanical protection with minimum bulk

-Flame retardant with excellent resistance to abrasion, moisture, alkalis, acids, corrosion and varying weather conditions (including ultraviolet exposure)

-Designed for continuous performance at temperatures ranging from -18°C (0°F) to 105°C (220°F)

-Primary electrical insulation for all wire and cable splices rated up to 600V and 105°C (220°F).

-Conforms to BS 3924 and UL510

-Colour = Black

-Includes 1x 20m roll of 19mm wide 'all weather' Electrical Vinyl Insulation Tape.





Standard Cable Ties

Non-Releaseable

Features	One-piece molded nylon 6.6 non-releaseable cable ties Bent finger grip and low threading force for quick installation Smooth Rounded Edges
Specifications	Material: High Quality virgin Nylon, UL : Approved Flame Resistance : In accordance with UL94V2 Strength Temperature : Tensile strength MIL 23190E Temperature Range : For continuous use -40C to 85C Pack Size: 100
Available colours	Natural, Black, Blue, Yellow, Green & Red

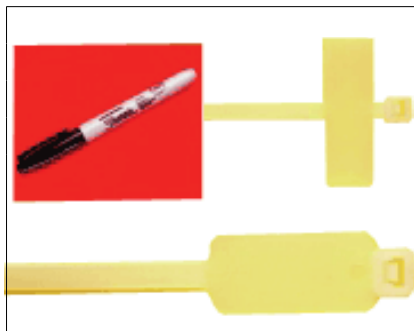


Length	Width	Max Bundle Diameter	Max Tensile Strength	Natural	Black	Blue	Yellow	Green	Red
80mm	2.4mm	15mm	8kg	401-08001-022	401-08002-022	-	-	-	-
100mm	2.5mm	18mm	8kg	401-10001-022	401-10002-022	401-10005-022	401-10003-022	401-10008-022	401-10006-022
120mm	4.8mm	24mm	22kg	401-12001-022	401-12002-022	-	-	-	-
140mm	3.6mm	33mm	13kg	401-14001-022	401-14002-022	401-14005-022	401-14003-022	401-14008-022	401-14006-022
160mm	4.8mm	38mm	22kg	401-16001-022	401-16002-022	-	-	-	-
160mm	2.5mm	40mm	8kg	401-16001L-022	401-16002L-022	-	-	-	-
200mm	2.5mm	50mm	8kg	401-20001L-022	401-20002L-022	401-20005L-022	401-20003L-022	401-20008L-022	401-20006L-022
200mm	3.6mm	50mm	13kg	401-20001H-022	401-20002H-022	-	-	-	-
200mm	4.8mm	50mm	22kg	401-20001-022	401-20002-022	401-20005-022	401-20003-022	401-20008-022	401-20006-022
250mm	4.8mm	63mm	22kg	401-25001-022	401-25002-022	-	-	-	-
300mm	3.6mm	76mm	13kg	401-30001L-022	401-30002L-022	-	-	-	-
300mm	4.8mm	76mm	22kg	401-30001-022	401-30002-022	401-30005-022	401-30003-022	401-30008-022	401-30006-022
370mm	4.8mm	102mm	22kg	401-36501-022	401-36502-022	-	-	-	-
430mm	4.8mm	110mm	22kg	401-43001-022	401-43002-022	-	-	-	-
530mm	4.8mm	140mm	22kg	401-53001-022	401-53002-022	-	-	-	-
150mm	7.6mm	36mm	55kg	401-15001H-022	401-15002H-022	-	-	-	-
200mm	7.6mm	50mm	55kg	401-20001H-022	401-20002H-022	-	-	-	-
240mm	7.6mm	66mm	55kg	401-24001H-022	401-24002H-022	-	-	-	-
300mm	7.6mm	76mm	55kg	401-30001H-022	401-30002H-022	-	-	-	-
370mm	7.6mm	100mm	55kg	401-37001H-022	401-37002H-022	-	-	-	-
430mm	9.0mm	110mm	75kg	401-43001H-022	401-43002H-022	-	-	-	-
530mm	9.0mm	140mm	75kg	401-53001H-022	401-53002H-022	-	-	-	-
710mm	9.0mm	190mm	75kg	401-71001H-022	401-71002H-022	-	-	-	-
940mm	9.0mm	280mm	75kg	401-94001H-022	401-94002H-022	-	-	-	-
580mm	12.7mm	152mm	113kg	401-58001EH-022	401-58002EH-022	-	-	-	-
1030mm	12.7mm	302mm	113kg	-	401-103002EH-022	-	-	-	-

Also available :

2.5 x 100mm 50 each Red, Green, Yellow, Orange & Blue : 401-100RB-022
 2.5 x 160mm 50 each Red, Green, Yellow, Orange & Blue : 401-160RBL-022

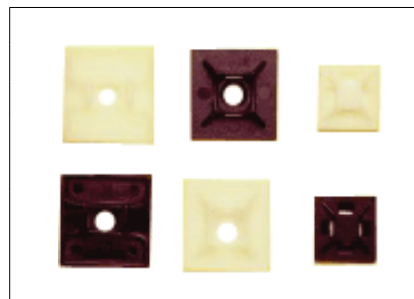
Marker Ties

	Description	Size	Stock Code
	Natural - T with catch above ID	100mm x 2.5mm	401-0100-022
	Natural - T with catch below ID	110mm x 2.5mm	401-0110-022
	Natural - In Line ID	200mm x 4.6mm	401-0200-022
	Yellow - In Line ID	200mm x 4.6mm	401-0203-022
Supplied in 100pk			

Identification Tags

	Colour	Size mm	Stock Code
	White	27	401-TAG60W
	Yellow	27	401-TAG60Y
	White	50	401-TAG82W
	Yellow	50	401-TAG82Y
	White	75	401-TAG110W
	Yellow	75	401-TAG110Y
	Yellow	125	401-TAG152W

Cable Tie Bases

	Description	Size mm max	Stock Code
	M4 Natural	4.8	401-SM200
	M4 Black	4.8	401-SM208
	M5 Natural	9.0	401-SM300
	M5 Black	9.0	401-SM308
Supplied in 100pk			

Saddle Type Mounts

	Description	Size mm	Stock Code
	Natural	20 x 20	401-HFC1400
	Black	20 x 20	401-HFC1408
	Natural	28 x 28	401-HFC2400
	Black	28 x 28	401-HFC2408
	Supplied in 100pk		



Stainless Steel Cable Ties

Features	Stainless steel roller ball cable ties Self Locking design for fast and secure installation
Specifications	Smooth internal surface, suitable for all types of cable installation Det Norske Veritas Type Approval number E-6729 UL listed. File number E227552. Packs of 100
Finishes	Available in uncoated and pure polyester coated 316 stainless steel



Length	Width	Max Bundle Diameter	Minimum Loop Tensile Strength (N)	Uncoated	Coated
150mm	4.6mm	37mm	667	401-SST1316	401-SSTC1316
201mm	4.6mm	50mm	667	401-SST2316	401-SSTC2316
259mm	4.6mm	69mm	667	401-SST3316	401-SSTC3316
300mm	4.6mm	85mm	667	401-SST3816	401-SSTC3816
360mm	4.6mm	100mm	667	401-SST4316	401-SSTC4316
520mm	4.6mm	150mm	667	401-SST5316	401-SSTC5316
680mm	4.6mm	200mm	667	401-SST6316	401-SSTC6316
200mm	7.9mm	50mm	1335	401-SST2316H	401-SSTC2316H
259mm	7.9mm	200mm	1335	-	401-SSTC3316H
300mm	7.9mm	85mm	1335	401-SST3816H	401-SSTC3816H
360mm	7.9mm	100mm	1335	401-SST4316H	401-SSTC4316H
520mm	7.9mm	150mm	1335	401-SST5316H	401-SSTC5316H
680mm	7.9mm	200mm	1335	401-SST6316H	401-SSTC6316H

Tenby Earth Strap

Compression lugs or earth lugs manufactured from high conductive pure electrolytic copper and tin plated to provide excellent corrosive resistance.

The Tenby and Niglon earth straps are long enough to earth the majority of pole sizes, and designed for external use.

Stock Code	420-TENBY
Description	Terminal Size = A-D (2.5 - 10mm ²)
Material	Phosphorus Bronze (body)
Length (mm)	555



Stock Code	Description
420-GK-12	Grounding Kit 1/2" (Spring Type)
420-GK-78	Grounding Kit 7/8" (Spring Type)



Earth Grounding Kits

This earth grounding kit uses an A2 SS304 stainless steel bracket & Screw with a rubber insert, containing an in-built tinned copper earth



Stock Codes	420-GMT7N	420-GMT11N
Cable	RG59, any cable 6-7mm diameter	RG8, LMR400, RGW400, RG213, RG214 and any cable 10-11mm diameter
Box Quantity	10 or 40	10 or 40
Colour	Black	Black
Material	Clasp & Screw - A2 Stainless Steel (Smiths Test Certificate 9428) - Corrogated tinned Copper Internal Earth	Clasp & Screw - A2 Stainless Steel (Smiths Test Certificate 9428) - Corrogated tinned Copper Internal Earth
Cable Size	6-7mm Ø	10-11mm Ø
IP Rating	X7 – With free issue silicone grease supplied. (Sira Test Certificate N58D24834A -15.04.2011)	X7 – With free issue silicone grease supplied. (Sira Test Certificate 58D23581 -29.10.2010)

Single Clamps

All two piece single clamps are designed to precisely fit the cable diameter. A range of 11 cable diameters from 5mm to 58mm are available. All single clamps externally interlock with double and 4 way clamps.

These single clamps are manufactured in high grade polypropylene and UV: stabilised to prevent degradation or breaking.

5.4mm

RG223, RG58, Internal Cat 5e UTP Any Cable 5-6mm diameter
Bolt Hole Size: M8 or M10

7.5mm

CNT300FR-50 ohm INTERCOND 48-50 ohm External Cat 5e UTP Any Cable 7.2-8.2mm diameter
Bolt Hole Size: M8 or M10
Stock Code: **420-BW00-75**

8.5mm

LDF1-RN-50 LDF-1.50-SFC 14-50 & RG6 FSJ 1.50A-ETS1-50T, HSRP-50A & HST1.50, 2-CORE DC Power Cable, Single Core Copper Earth Cable or T-Mobile RET Control Cable
Bolt Hole Size: M8 or M10

11mm

LDF-2.50, SCF 38-50, LCF38-50 SFX-500, AS1228, H1000XRD1567 FSJ 2.50, ETS2. 50T, EFX 2.50, HS2RP-50 & HST2.50, RG213 & RG214- 50 ohm, RG8 & RG11 75 ohm, LM400, BELDEN 9913, Alpha Wire 10 Core Alarm Cable, Delta Hituff 4 Core Power Cable
Bolt Hole Size: M8 or M10

13mm

FSJ4.50B, SCF12-50, XRD1568 HS4RP-50 & HT4.50 RG215 & RG217-50 ohm
Bolt Hole Size: M8 or M10
Stock Code: **420-BW1-13**

1/2"

LDF4-50, AVA4-50, LCF12-40, HCA38-50, HLT4.50T, HJ4.50, HL4RP-50, V45466-B21-C26
Bolt Hole Size: M8 or M10
Stock Code: **420-BW2-12**

5/8"

LDF4.50-50, LCF58-50, HJ4.50-50, HCA58-50, RG218-50 ohm, Reka XCMK-HF DC Cable
Bolt Hole Size: M8 or M10
Stock Code: **420-BW4-58**

7/8"

LDF5-50, AVA5-50, LCF78-50, HJ5.50 & HCA78-50, RG220-50 ohms, SCF78-50J & JFN, V45466-B23-C26
Bolt Hole Size: M8 or M10
Stock Code: **420-BW5-78**

1-1/4"

LDF6-50, AVA6-50, LCFS114-50, FLX1480, V45466-B24-C26
Bolt Hole Size: M8 or M10
Stock Code: **420-BW7-1-14**

1-5/8"

LDF7-50, AVA7-50, LCF158-50, HJ7.50A, HF158-50, CR50-1873, V45466-B25-C26
Bolt Hole Size: M8 or M10
Stock Code: **420-BW8-1-58**

2-1/4"

HJ12.50, LCF214-50, HCA214-50, LDF12-50
Bolt Hole Size: M8 or M10
Stock Code: **420-BW9-2-14**

Double Clamps

All two piece double clamps are designed to precisely fit the cable diameter. A range of 9 cable diameters from 7.5mm to 50mm. All double clamps externally interlock with single and 4 way clamps.

These double clamps are manufactured in high grade polypropylene and UV stabilised to prevent degradation or breaking.

6.5mm



Any cable 6.5-7mm dia.
Bolt Hole Size: M8 or M10
Stock Code: **420-2P-DW00-65**

7.5mm



CNT 300 FR-50, O2 Fibre, VET/RET Cables
Bolt Hole Size: M8 or M10
Stock Code: **420-2P-DW00-75**

8.5mm



LDF1-RN-50 ? LDF1.50 SFC 14-50 & RG6 FSJ 1.50A-ETS1-50T, HSIRP-50A & HST1.50 2-CORE DC Power Cable Single Core Copper Earth Cable Any Cable 8.3-9.5mm diameter
Bolt Hole Size: M8 or M10

11mm



LDF2-50, SCF38-50, LCF38-50 & SFX-500, AS1228, H1000 XRD1567, FSJ 2-50, ETS2-50 & EFX2.50, HS2RP-50, HST2.50, RG213 & RG 214-50 ohm, RG8 & RG11-75 ohm, LMR400, Belden 9913, Alpha Wire 10 Core Alarm Cable, Delta Hituff 4 Core Power Cable
Bolt Hole Size: M8 or M10
Stock Code: **420-2P-DW0-11**

13mm



FSJ4.50B, SCF12-50 & XRD1568 HS4RP-50 & HT4.50 RG215 & RG217 - 50 ohm
Bolt Hole Size: M8 or M10

1/2"



LDF4-50, AVA4-50, LCF12-40, HCA38-50, HLT4.50T, HJ4-50, HL4RP-50
Bolt Hole Size: M8 or M10
Stock Code: **420-2P-DW2-12**

5/8"



LDF4-50-50, LCF58-50, HJ4.50-50 & HCA58-50, RG218-50 ohm, Reka XCMK-HF DC Cable
Bolt Hole Size: M8 or M10
Stock Code: **420-2P-DW4-58**

7/8"



LDF5-50, AVA5-50, LCF78-50, HJ5-50 & HCA78-50, RG220-50 ohms, SCF78-50J & JFN, FXL-780
Bolt Hole Size: M8 or M10
Stock Code: **420-2P-DW5-78**

1-1/4"



LDF6-50, AVA6-50, LCF 114-50, FXL-1480
Bolt Hole Size: M8 or M10
Stock Code: **420-2P-DW7-1-14**

1-5/8"



LDF7-50, AVA7-50, LCF158-50, HJ7.50A, HCA158-50, CR50-1873 PE&R, FXL-1873
Bolt Hole Size: M8 or M10
Stock Code: **420-2P-DW8-1-58**

4 Way Clamps

4 way clamps reduce costs of purchasing 2 doubles, with longer studding etc.
Both clamps will hold single or double cables adequately allowing additional cable to be easily added later.

All two piece 4 way clamps are designed to precisely fit the cable diameter. A range of 2 diameters from 5.4mm to 10mm.
All 4 way clamps externally interlock with single and double clamps.

5.4mm



RG223, RG588, Internal Cat 5e UTPAny Cable 5-6mm
Diameter

Bolt Hole Size: M8 or M10
Stock Code: **420-2P-4BW000-54**

10mm



LDF2-50, SCF38-50, LCF38-50 & SFX-500, FSJ2-50, ETS2-50 & EFX2-50, AS1228, H1000, XRD1567, HS2RP-50 & HST2-50, BELDEN 9913, ALPHA WIRE 10 CORE ALARM CABLE, DELTA HITUFF 4 CORE POWER CABLE

Bolt Hole Size: M8 or M10
Stock Code: **420-2P-4BW0-10**

2 x 10mm, 2 x 6.5mm



Bolt Hole Size: M8 or M10
Stock Code: **420-2P-4BW10-6.5**

2 x 10mm, 2 x 28mm



Inner Cable: 2 x LDF5.50-LCF78-50, HJ5.50 & HCA78-50, RG220-50ohms, SCF78-50J & JFN Outer Cable: 2 x LDF2-50, SCF38-50, LCF38-50, SFX-500, FSJ2-50, BELDEN 9913, RG8, RG11, RG213 & RG214

Bolt Hole Size: M8 or M10
Stock Code: **420-2P-4BW28-10**

10mm (2 x 6 hole Fibre)



Bolt Hole Size: M8 or M10
Stock Code: **420-2P-4BW28-FB6**



Soft Grip Ties



	180mm x 12mm (Bundle Diameter 40mm)	310mm x 16mm (Bundle Diameter 85mm)
Black	401-SGT18008	401-SGT31008
Blue	401-SGT18005	401-SGT31005
Red	401-SGT18006	401-SGT31006
Yellow	401-SGT18003	401-SGT31003
Green	401-SGT18002	401-SGT31002

These ties offer a reliable alternative to cable handling and bundling.

- Self-gripping for quick and easy installation
- Design makes the tie re-adjustable and re-usable
- Ideal for use where frequent access is required and where over tightening is a concern - such as on data cables
- Available in a selection of colours for easy identity

Material: Polyamide fleece

One Wrap Velcro



25m x 20mm	
Black	401-OWT-20MM

A non-adhesive velcro loop. A very popular multi-purpose velcro product supplied in rolls which are easily stored, giving the flexibility to cut lengths as they are needed.

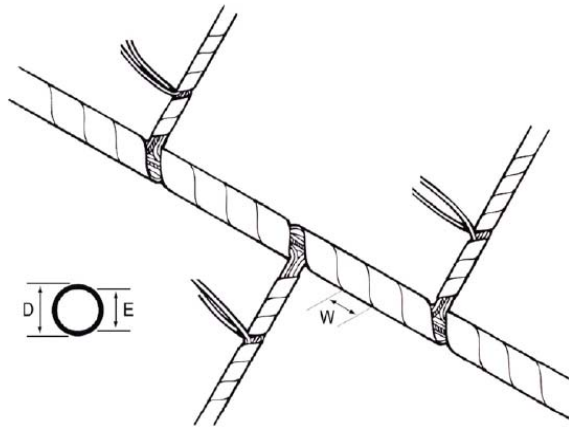
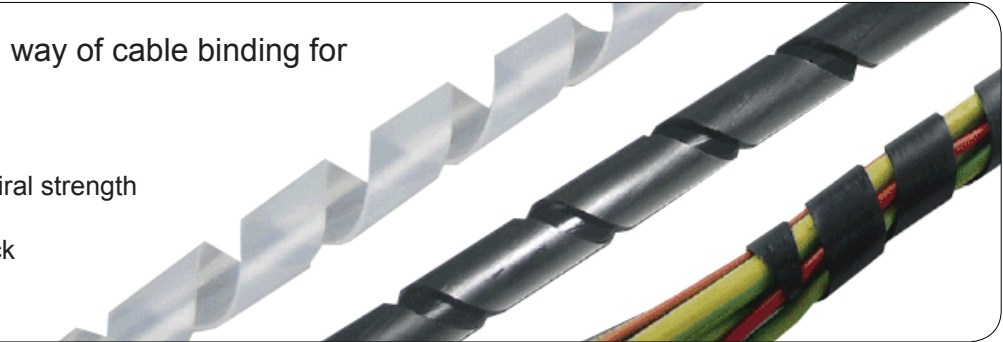
Velcro Cable Ties
Reusable / Cable Tidy

20mm x 180mm 10 Pack	
Black	401-BR5008
Blue	401-BR5005
Red	401-BR5006
Yellow	401-BR5003
Green	401-BR5002



Spiral Wrap is the ideal way of cable binding for harnesses etc.

- Cut to fit, no waste
- Re-usable with retained spiral strength
- Made from Polythene
- Available in Natural or Black
- Supplied in 10m reels



Internal Dia. (mm) 'E'	External Dia. (mm) 'D'	Width Dia. (mm) 'W'	Bundle Dia. (mm) Min. - Max.	Stock Code	
				Natural	Black
2.3	3.5	5	2 - 15	401-SP2N-10	401-SP2B-10
3.7	5.0	7	4 - 20	401-SP4N-10	401-SP4B-10
6.5	8.0	10	7 - 40	401-SP6N-10	401-SP6B-10
8.2	10	12	12 - 50	401-SP9N-10	401-SP9B-10
10	12	14	13 - 70	401-SP12N-10	401-SP12B-10
12	14	16	15 - 80	401-SP15N-10	401-SP15B-10
17.6	20	22	20 - 120	401-SP20N-10	401-SP20B-10

Standard Cable
Management Panel

Description	Stock Code
Comes with 5 plastic jumper rings and is suitable for most purposes.	802-0210-027

Heavy Duty Cable
Management Panel

Description	Stock Code
The all metal heavy duty panel is suitable for handling bulk cables, where plastic jumper rings are prone to buckling or twisting	802-0211-027

Blanking Panel



Description	Stock Code
Mini5 19" 1U Black Blank Panel	802-PPB-1UB
Mini5 19" 2U Black Blank Panel	801-PPB-2UB
Mini5 19" 3U Black Blank Panel	801-PPB-3UB
Mini5 19" 4U Black Blank Panel	801-PPB-4UB
Mini5 19" 5U Black Blank Panel	801-PPB-5UB

Brush Panel



Description	Stock Code
Allows the cables to pass from front to rear in a tidy and protective way. 1U spare positions in a 19" rack. Supplied with fixing kit.	802-0215-027

Cable Tidy Slotted
Horizontal Panels

Description	Stock Code
Mini5 19inch 1U Black Plastic Slotted Finger Cable Management	802-HSFP1U
Mini5 19inch 2U Black Plastic Slotted Finger Cable Management	802-HSFP2U

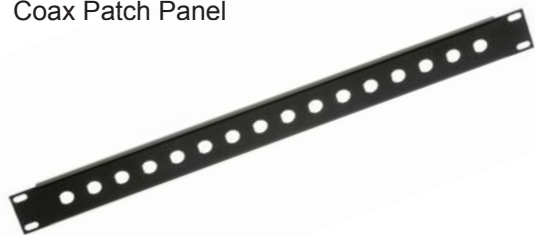
Mini5 cost effective 19inch slotted finger cable management with snap on front cover. Black PVC material with rear cable slots and open sides for cable entry/exit.

Lightweight plastic construction with slotted cable management fingers

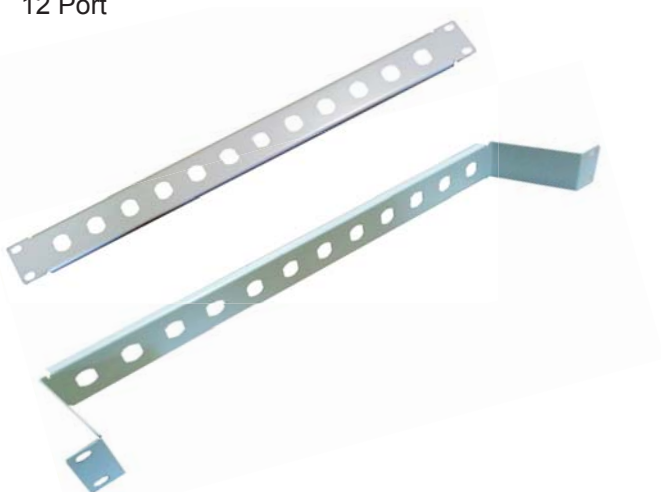
- Cable feed through slots on rear
- Front cover hinges top and bottom
- Ideal for Cat6 and Cat6a cabling



Coax Patch Panel



Description	Stock Code	
	Black	Grey
BNC 1U Flat 16 port	802-0116-047	802-0216-047
BNC 1U Flat 24 port	802-0124-047	802-0224-047
BNC 1U Flat 32 port	802-0132-047	802-0232-047
1.6/5.6 1U Flat 32 port	802-0332-047	802-0432-047

N Type Patch Panel
12 Port

Description	Stock Code	
	Black	Grey
N Type Patch Panel Flat 1U	802-0512-036	802-0612-036
N Type Patch Panel Recessed 1 U	802-0512R-036	802-0612R-036



The global source for passive network materials

Network Materials Limited, Unit 9A Brindley Road, Zone 3A, Bayton Road Industrial Estate
Exhall, Near Coventry CV7 9EP. T: +44 (0) 24 7636 9981 F: +44 (0) 24 7636 7871
Website: www.networkmaterials.com

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