

COMPTEL[®]

SMA^{SERIES} COAXIAL CONNECTORS



ISO 9001
n° 9110.COMP

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General Information

This series of SMA connectors with a characteristic impedance of 50 Ohm has been designed to achieve a high level of electrical performance and reliability in applications where space is limited and environmental conditions are critical.

The components comply with the standard MIL-PRF-39012 and offer electrical performance up to 18 GHz (and even at higher frequencies with acceptable VSWR values).

These connectors are generally used for connecting systems, sub-systems and microwave micromodules.

The main types are for attachment on semi-rigid and flexible cables and, using solder and microstrip terminations, microwave modules and circuits.

How to place an order with Compel

Simply indicate the relevant Part Number which you will find in the catalogue.

Please contact us should you have any requirement for materials, finishes or dimensions which differ from those given

Compel reserves the right to modify its specifications without prior notification.

Second edition: April 2001

General

Standard	MIL-PRF-39012 MIL-C-83517 IEC 169-15 CECC 22110	
Materials	Bodies and nuts	Non-magnetic stainless steel according to ASTM-A-484 and ASTM-A-582, type 303 Beryllium copper according to QQ-C-530 Brass according to QQ-B-626
	Contacts Insulators	Beryllium copper according to QQ-C-530 PTFE according to MIL-P-19468 and ASTM-D-1457
	Gaskets	Silicone rubber according to ZZ-R-765, class II B, grade 65-75
	Crimp ferrules	Annealed copper according to WW-T-799
Finishes	Center contacts	Gold plating to meet the corrosion and durability requirements given in the sections "Environmental" and "Mechanical" features
	Other metal parts	Finish to meet the corrosion requirements given in the section "Environmental" features
Dimensions	Mating dimensions are shown on page 11	

Electrical

Impedance		50 Ω		
Frequency range		Straight and right angle conn. for flexible cables	0 - 12.4 GHz	
		Right angle conn. for semi-rigid cables	0 - 12.4 GHz	
		All other conn.	0 - 18 GHz	
Voltage rating (max)		Cable RG .../U	At sea level (Vrms)	70,000 feet (Vrms)
		55-142-223-400	335	85
		174-179-187-188-316	250	65
		178-196	170	45
		58-141-303	335	85
		405	335	85
		402	500	125
		Others (not for cables)	335	85
Insulation resistance		≥ 5 · 10 ³ MΩ		
V.S.W.R.	Connector type flexible cable	Cable RG .../U	Straight	Right angle
		55-142-223-400	≤1.15 + 0.01 f (GHz)	≤1.15 + 0.02 f (GHz)
		174-179-187-188-316	≤1.15 + 0.02 f (GHz)	≤1.15 + 0.03 f (GHz)
		178-196	≤1.20 + 0.025 f (GHz)	≤1.20 + 0.03 f (GHz)
	semi-rigid cable	58-141-303	≤1.15 + 0.01 f (GHz)	≤1.15 + 0.02 f (GHz)
		405	≤1.07 + 0.008 f (GHz)	≤1.10 + 0.01 f (GHz)
	adapters	402	≤1.05 + 0.008 f (GHz)	≤1.10 + 0.01 f (GHz)
		/	≤1.05 + 0.005 f (GHz)	≤1.05 + 0.01 f (GHz)
Contact resistance		Center contact	≤ 3 mΩ	
		Outer contact	≤ 2 mΩ	
		Braid to body	≤ 0.5 mΩ	

Electrical

Dielectric withstanding voltage	Conn. for RG 55-142-223-400	1000 Vrms at 50 Hz
	Conn. for RG 174-179-187-188-316	750 Vrms at 50 Hz
	Conn. for RG 178-196	500 Vrms at 50 Hz
	Conn. for RG 58-141-303	1000 Vrms at 50 Hz
	Conn. for RG 405	1000 Vrms at 50 Hz
	Conn. for RG 402	1500 Vrms at 50 Hz
	All other conn.	1000 Vrms at 50 Hz
Corona level at 70,000 feet	Conn. for RG 55-142-223-400	>= 250 Vrms
	Conn. for RG 174-179-187-188-316	>= 190 Vrms
	Conn. for RG 178-196	>= 125 Vrms
	Conn. for RG 58-141-303	>= 250 Vrms
	Conn. for RG 405	>= 250 Vrms
	Conn. for RG 402	>= 375 Vrms
	All other conn.	>= 250 Vrms
R.F. high potential withstanding voltage	Conn. for RG 55-142-223-400	>= 670 Vrms at 5 MHz
	Conn. for RG 174-179-187-188-316	>= 500 Vrms at 5 MHz
	Conn. for RG 178-196	>= 335 Vrms at 5 MHz
	Conn. for RG 58-141-303	>= 670 Vrms at 5 MHz
	Conn. for RG 405	>= 670 Vrms at 5 MHz
	Conn. for RG 402	>= 1000 Vrms at 5 MHz
	All other conn.	>= 670 Vrms at 5 MHz
R.F. leakage	Conn. for flexible cables	- 60 dB min at 2 - 3 GHz
	Conn. for semi-rigid cables	- 90 dB min at 2 - 3 GHz
Insertion loss	Straight conn. for flexible cables	$\leq 0.06 \cdot (f \text{ GHz})^{1/2}$ dB at 6 GHz
	Right angle conn. for flexible cables	$\leq 0.15 \cdot (f \text{ GHz})^{1/2}$ dB at 6 GHz
	Straight conn. for semi-rigid cables	$\leq 0.03 \cdot (f \text{ GHz})^{1/2}$ dB at 6 GHz
	Right angle conn. for semi-rigid cables	$\leq 0.05 \cdot (f \text{ GHz})^{1/2}$ dB at 6 GHz
	All other conn.	$\leq 0.07 \cdot (f \text{ GHz})^{1/2}$ dB at 6 GHz

Mechanical

Force to engage and disengage	Torque	≤ 23 Ncm
Coupling proof torque	With conn. body in steel or beryllium copper	≥ 170 Ncm
	With conn. body in brass	≥ 12 Ncm
Recommended mating torque	With conn. body in steel or beryllium copper	80 - 115 Ncm
	With conn. body in brass	42 - 46 Ncm
Mating characteristics (only for jacks)	Insertion force with $\varnothing 0.94$ test pin	≤ 13 N
	Withdrawal force with $\varnothing 0.90$ test pin	≥ 0.27 N
Center contact retention	Axial	≥ 27 N
	Torque	≥ 2.8 Ncm
Connector durability	With conn. body in steel or beryllium copper	≥ 500 matings
	With conn. body in brass	≥ 100 matings
Cable retention force	Conn. for RG 55-142-223-400	≥ 200 N
	Conn. for RG 174-179-187-188-316	≥ 89 N
	Conn. for RG 178-196	≥ 45 N
	Conn. for RG 58-141-303	≥ 178 N
	Conn. for RG 405	≥ 133 N
	Conn. for RG 402	≥ 267 N
Coupling mechanism retention force		≥ 267 N



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Features

Environmental

Temperature rating	Conn. for semi-rigid cables Conn. for flexible cables in PTFE Conn. for flexible cables in PE Others	- 65°C to + 105°C - 65°C to + 165°C - 65°C to + 85°C - 65°C to + 105°C
Corrosion (salt spray)	MIL-STD-202, method 101, test condition B, 5% salt solution	
Vibration	MIL-STD-202, method 204, test condition D	
Shock	MIL-STD-202, method 213, test condition I	
Thermal shock	MIL-STD-202, method 107, test condition B, high temperature depends on connector type	
Moisture resistance	MIL-STD-202, method 106, step 7b shall be omitted, no measurements at high humidity	

How to order

When ordering please specify the Part Number.

Add suffix after Part Number to identify material and finishing.

SUFFIX CODES

WITHOUT SUFFIX	=	Stainless steel gold plated connector
A	=	Stainless steel passivated connector (gold for parts to be soldered)
1	=	Beryllium copper gold plated connector
B2	=	Brass gold plated connector
E2	=	Brass and optalloy plated connector
C	=	Stainless steel passivated connector (optalloy for parts to be soldered)

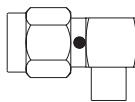
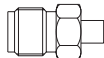
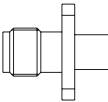
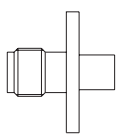
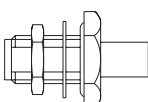


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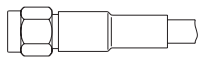
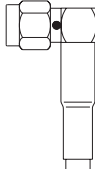
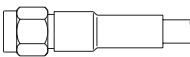
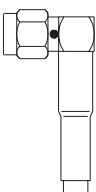
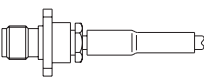
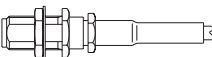
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350.043.302	17	350.043.756	17	350.043.911	19
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350.043.308	17	350.043.759	17	350.043.916	19
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350.043.325	19	350.043.768	17	350.043.943	19
350.043.326	19	350.043.769	17	350.043.960	16
350.043.327	18	350.043.770	17	350.043.961	16
350.043.328	18	350.043.771	17	350.043.962	16
350.043.329	21	350.043.772	17	350.043.963	16
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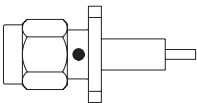
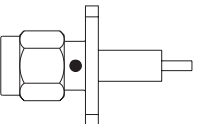
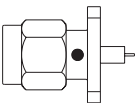
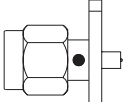
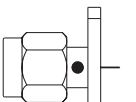
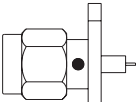
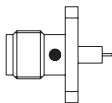
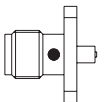
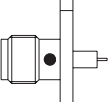
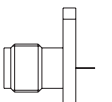
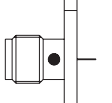
Plug Solder type	Jack Solder type	
Straight  350.043.001 350.043.003  350.043.006 Right angle  350.043.410 350.043.411	Straight  350.043.100 350.043.107 Straight square flange  350.043.603 350.043.604	Straight narrow flange  350.043.607 Straight bulkhead  350.043.600 350.043.602 350.043.613

FLEXIBLE CABLE CONNECTORS

Part Number 350.043.xxx

Plug Solder type	Plug Crimp type	Jack Crimp type
Straight  350.043.050 Right angle  350.043.400 350.043.401	Straight  350.043.080 350.043.081 350.043.082 350.043.083 Right angle  350.043.405 350.043.406 350.043.407 350.043.408	Straight  350.043.186 Straight square flange  350.043.625 350.043.626 Straight bulkhead  350.043.620 350.043.621

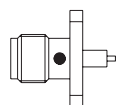
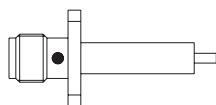
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Plug Solder type	Plug Microstrip type	Jack Microstrip type
Straight square flange  350.043.200 350.043.204 350.043.206 350.043.207 350.043.209 350.043.210 350.043.212 350.043.213 350.043.214 350.043.241 350.043.242 350.043.243 350.043.244 350.043.245 350.043.246 350.043.247 350.043.248 350.043.249 350.043.960 350.043.961 350.043.962 350.043.963 350.043.964 350.043.965 350.043.966 350.043.967 Straight narrow flange  350.043.230	Straight square flange  350.043.217  350.043.218  350.043.735 Straight narrow flange  350.043.223	Straight square flange  350.043.325  350.043.326  350.043.345  350.043.715 350.043.716  350.043.725 Swept right angle square flange

Part Number 350.043.xxx

Jack

Solder type

Straight
square flange


350.043.300 350.043.827

350.043.301 350.043.830

350.043.302 350.043.831

350.043.305 350.043.832

350.043.307 350.043.833

350.043.308 350.043.834

350.043.309 350.043.835

350.043.311 350.043.836

350.043.313 350.043.837

350.043.334 350.043.838

350.043.746 350.043.839

350.043.747 350.043.840

350.043.748 350.043.841

350.043.749 350.043.842

350.043.750 350.043.843

350.043.751 350.043.844

350.043.752 350.043.845

350.043.753 350.043.846

350.043.754 350.043.847

350.043.755 350.043.848

350.043.756 350.043.849

350.043.757 350.043.860

350.043.758 350.043.861

350.043.759 350.043.862

350.043.764 350.043.863

350.043.765 350.043.864

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350.043.767 350.043.867

350.043.768 350.043.868

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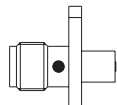
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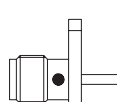
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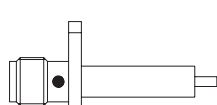
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Straight
narrow flange


350.043.322



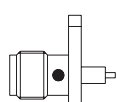
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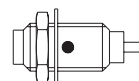
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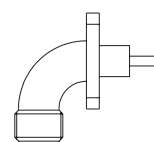
350.043.337



350.043.341

Straight
bulkhead


350.043.380

Swept right angle
square flange


350.043.904

350.043.905

350.043.908

350.043.909

350.043.911

350.043.914

350.043.915

350.043.916

350.043.919

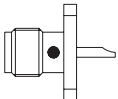
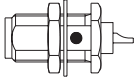
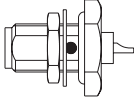
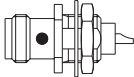
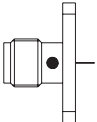
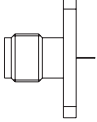
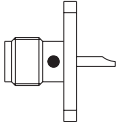
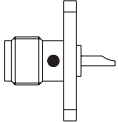
350.043.940

350.043.941

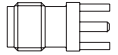
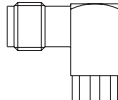
350.043.942

350.043.943

Part Number 350.043.xxx

Jack Solder pot terminations		Jack Microstrip type
Straight square flange  350.043.330	Straight bulkhead  350.043.385  350.043.390  350.043.395	Straight narrow flange  350.043.710  350.043.720
Straight narrow flange  350.043.329		
 350.043.340		

PCB CONNECTORS
Part Number 350.043.xxx

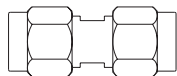
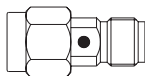
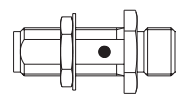
Jack
Straight  350.043.470
Right angle  350.043.472

Part Number 350.043.xxx

Plug to Plug

Jack to Plug

Jack to Jack

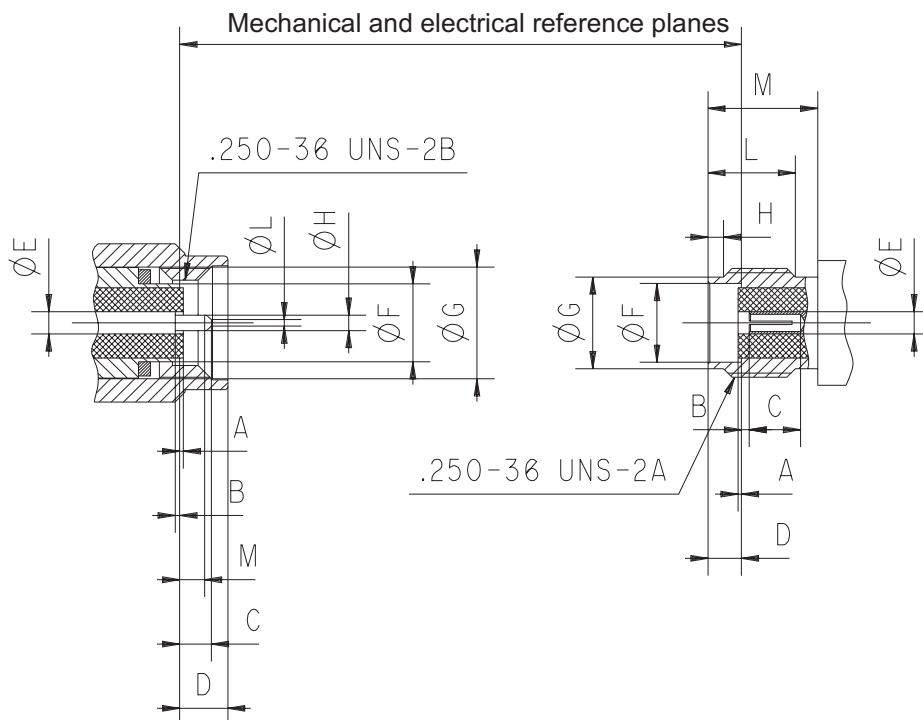
**350.043.820****350.043.815****350.043.805****350.043.810****Part Number 350.043.xxx**

Plug

**350.043.992**

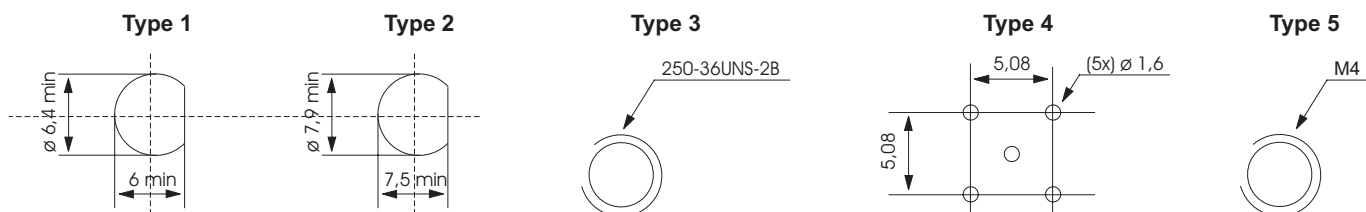
Interface mating dimensions

Plug		
Ltr.	Min.	Max.
A	- 0.25	0
B	0	0.25
C	—	2.54
D	—	3.43
E	1.24	1.30
F	—	4.59
G	6.35	—
H	0.90	0.94
L	0	0.38
M	1.27	—

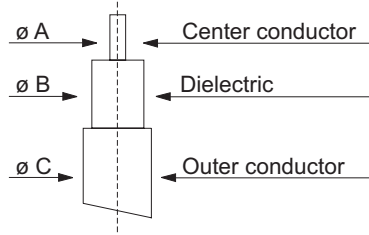


Jack		
Ltr.	Min.	Max.
A	- 0.25	0
B	0	0.25
C	2.92	—
D	1.88	1.98
E	1.24	1.30
F	4.60	—
G	5.28	5.49
H	0.38	1.14
L	4.32	—
M	5.54	—

Connector panel cutout dimensions

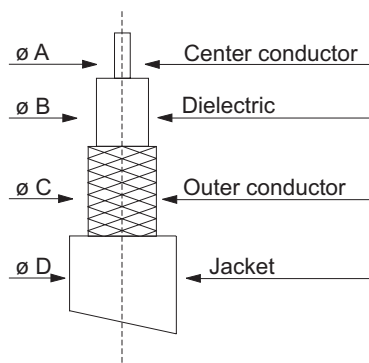


Semi-rigid cable dimensions

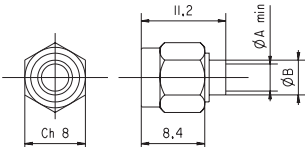
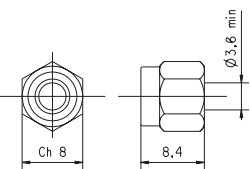
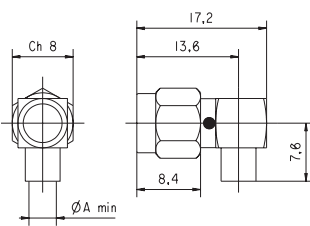
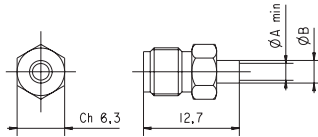
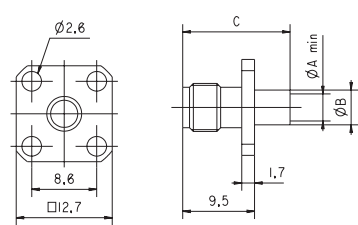
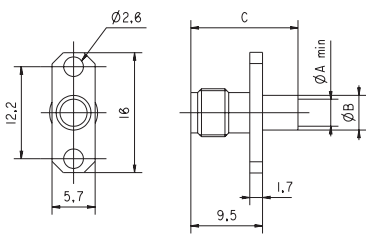
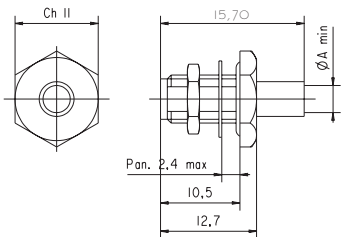


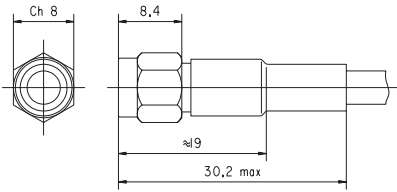
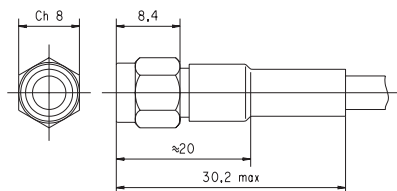
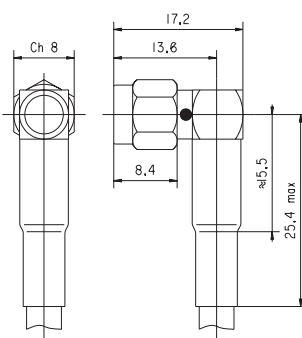
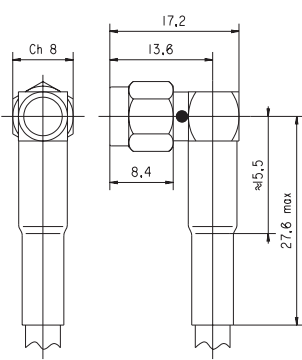
Type		A	B	C	Imped. (ohm)
0,086"	RG405/U	0.51 ± 0.013	1.67 ± 0.051	2.18 ± 0.025	50
0,141"	RG402/U	0.91 ± 0.013	3.00 ± 0.051	3.58 ± 0.025	50
0,250"	RG401/U	1.63 ± 0.025	5.33 ± 0.051	6.35 ± 0.051	50

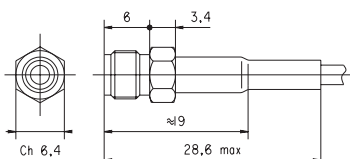
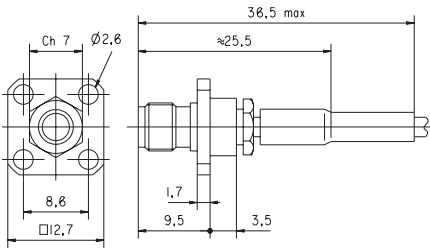
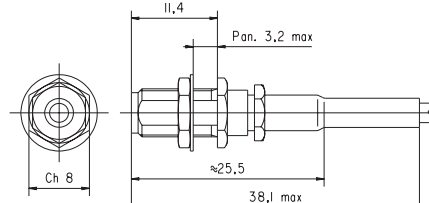
Flexible cable dimensions

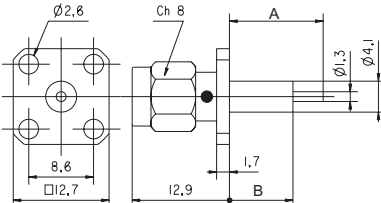
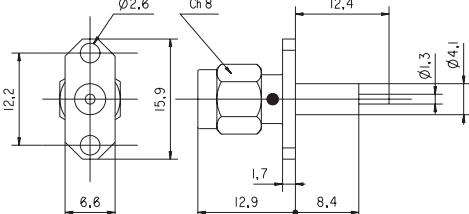
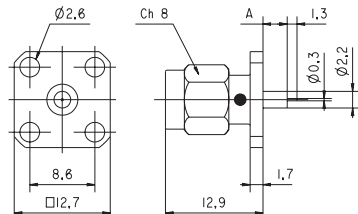
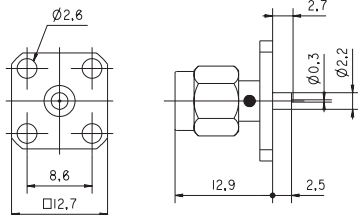


Type	A	B	C	D	Imped. (ohm)
RG55B/U	0.81 nom.	2.94 ± 0.127	4.47 max	5.23 max	53
RG58C/U	0.90 ± 0.05	2.94 ± 0.1	3.81 max	4.95 ± 0.1	50
RG141A/U	0.99 ± 0.025	2.94 ± 0.127	3.7 max	4.82 ± 0.127	50
RG142B/U	0.94 ± 0.025	2.94 ± 0.127	4.34 max	4.95 ± 0.127	50
RG174/U	0.48 ± 0.025	1.52 ± 0.075	2.23 max	2.79 ± 0.127	50
RG178B/U	0.30 ± 0.025	0.84 ± 0.05	1.37 max	1.8 ± 0.1	50
RG179B/U	0.30 ± 0.025	1.6 ± 0.075	2.13 max	2.54 ± 0.127	75
RG180B/U	0.30 ± 0.025	2.59 ± 0.075	3.15 max	3.58 ± 0.1	95
RG187A/U	0.30 nom.	1.52 ± 0.15	2.13 max	2.79 max	75
RG188A/U	0.50 nom.	1.52 ± 0.075	2.05 max	2.79 max	50
RG195A/U	0.30 nom.	2.59 ± 0.075	3.15 max	3.93 max	95
RG196A/U	0.30 nom.	0.86 ± 0.05	1.37 max	2.03 max	50
RG223/U	0.88 ± 0.025	2.94 ± 0.1	4.47 max	5.38 ± 0.1	50
RG303/U	0.94 ± 0.025	2.94 ± 0.127	3.71 max	4.31 ± 0.127	50
RG316/U	0.51 ± 0.025	1.52 ± 0.075	2.06 max	2.49 ± 0.1	50
RG400/U	0.95 ± 0.025	2.94 ± 0.1	4.34 max	4.95 ± 0.127	50

		Part Number - Type	A	B	C	Cable
Plug connector Non-captured contact Cable attachment: - inner contact: solder - outer contact: solder		350.043.001 350.043.003	03.60 02.20	04.60 03.00		RG 402/U RG 405/U
Plug connector Cable attachment: - inner contact: it is used the cable inner conductor, suitably pointed - outer contact: solder		350.043.006 Without cable stop				RG 402/U
Plug connector Captured contact Cable attachment: - inner contact: solder - outer contact: solder		350.043.410 350.043.411	03.60 02.20			RG 402/U RG 405/U
Jack connector Non-captured contact Cable attachment: - inner contact: solder - outer contact: solder		350.043.100 350.043.107	03.60 02.20	04.60 03.00		RG 402/U RG 405/U
Flange mount cable jack Non-captured contact Cable attachment: - inner contact: solder - outer contact: solder		350.043.603 350.043.604	03.60 02.20	04.60 03.00	14.20 12.70	RG 402/U RG 405/U
Flange mount cable jack Non-captured contact Cable attachment: - inner contact: solder - outer contact: solder		350.043.607	02.20	03.00	12.70	RG 405/U
Bulkhead feedthrough cable jack Non-captured contact Cable attachment: - inner contact: solder - outer contact: solder Panel cutout dimensions: Type 1		350.043.602 350.043.613	02.20 03.60			RG 405/U RG 402/U

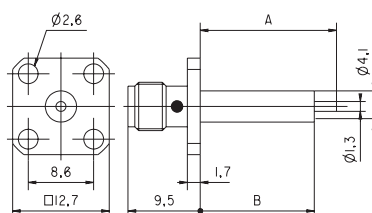
		Part Number	Cable
Plug connector Non-captured contact Cable attachment: - inner contact: solder - outer contact: solder		350.043.050	RG 55B/U RG 58C/U RG 141A/U RG 142B/U RG 223/U RG 303/U RG 400/U
Plug connector Non-captured contact Cable attachment: - inner contact: solder - outer contact: crimp		350.043.080	RG 55B/U RG 142B/U RG 223/U RG 400/U
		350.043.081	RG 174/U RG 179B/U RG 187A/U RG 188A/U RG 316/U
		350.043.082	RG 178B/U RG 196A/U
		350.043.083	RG 58C/U RG 141A/U RG 303/U
Plug connector Captured contact Cable attachment: - inner contact: solder - outer contact: solder		350.043.400	RG 55B/U RG 58C/U RG 141A/U RG 142B/U RG 223/U RG 303/U RG 400/U
		350.043.401	RG 174/U RG 179B/U RG 187A/U RG 188A/U RG 316/U
Plug connector Captured contact Cable attachment: - inner contact: solder - outer contact: crimp		350.043.405	RG 55B/U RG 142B/U RG 223/U RG 400/U
		350.043.406	RG 174/U RG 179B/U RG 187A/U RG 188A/U RG 316/U
		350.043.407	RG 178B/U RG 196A/U
		350.043.408	RG 58C/U RG 141A/U RG 303/U

		Part Number	Cable
Jack connector Non-captured contact Cable-attachment: - inner contact: solder - outer contact: crimp		350.043.186	RG 174/U RG 179B/U RG 187A/U RG 188A/U RG 316/U
Flange mount cable jack Captured contact Cable attachment: - inner contact: solder - outer contact: crimp		350.043.625 350.043.626	RG 55B/U RG 142B/U RG 223/U RG 400/U RG 174/U RG 179B/U RG 187A/U RG 188A/U RG 316/U
Bulkhead feedthrough cable jack Captured contact Cable attachment: - inner contact: solder - outer contact: crimp Panel cutout dimensions: Type 1		350.043.620 350.043.621	RG 55B/U RG 142B/U RG 223/U RG 400/U RG 174/U RG 179B/U RG 187A/U RG 188A/U RG 316/U

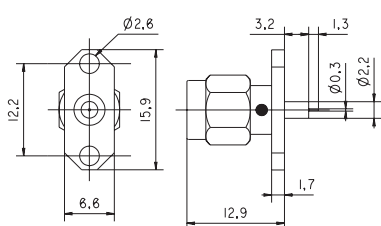
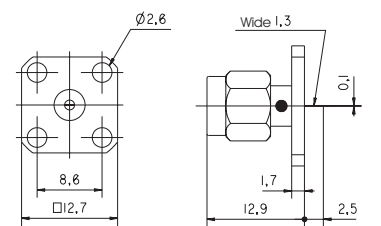
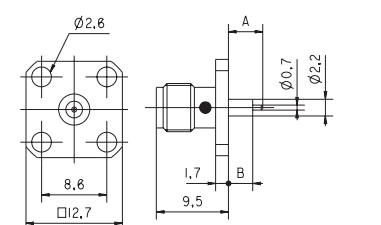
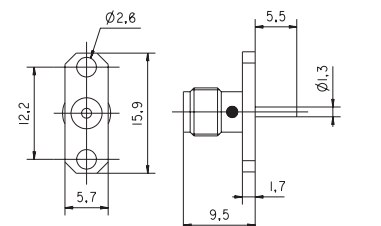
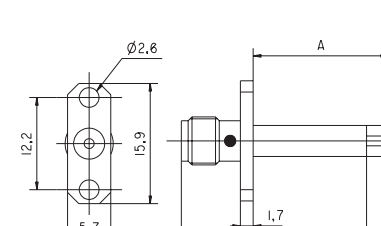
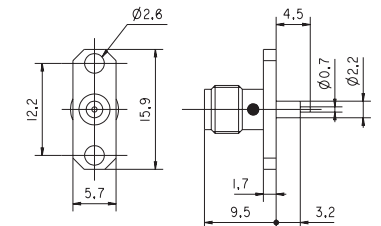
		Part Number	A	B
Flange mount plug receptacle Captured contact		350.043.200	12.40	08.40
		350.043.204 (*)	07.00	03.80
		350.043.206 (*)	04.00	01.50
		350.043.207	05.00	02.80
		350.043.209 (*)	07.80	03.00
		350.043.210 (*)	03.90	03.80
		350.043.212 (*)	04.00	02.80
		350.043.213 (*)	04.80	02.80
		350.043.214 (*)	04.50	03.00
		350.043.241 (*)	03.30	03.20
		350.043.242 (*)	09.50	05.80
		350.043.243 (*)	08.50	03.00
		350.043.244 (*)	02.50	0
		350.043.245 (*)	03.60	03.40
		350.043.246 (*)	04.90	03.10
		350.043.247 (*)	10.50	04.00
		350.043.248 (*)	02.80	02.70
		350.043.249 (*)	03.50	02.00
		350.043.960 (*)	04.50	03.00
		350.043.961 (*)	05.90	05.90
		350.043.962 (*)	05.30	04.90
		350.043.963 (*)	04.00	04.00
		350.043.964	12.40	03.00
		350.043.965 (*)	09.40	07.90
		350.043.966 (*)	09.00	07.50
		350.043.967 (*)	05.30	03.50
Flange mount plug receptacle Captured contact		350.043.230		
		350.043.217	03.20	
Flange mount plug receptacle Captured contact		350.043.218 (*)		

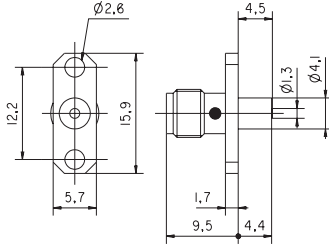
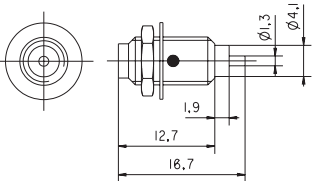
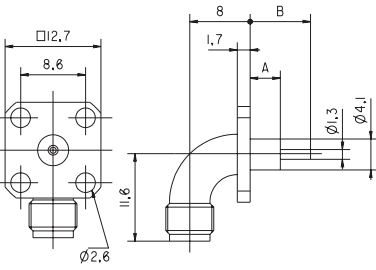
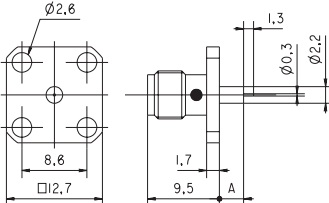
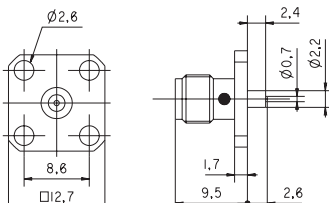
Flange mount jack
receptacle
Captured contact

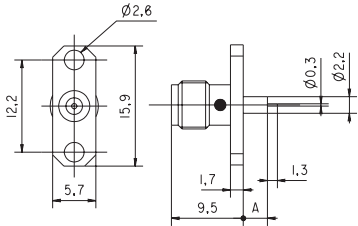
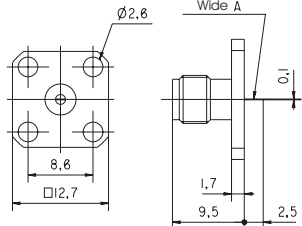
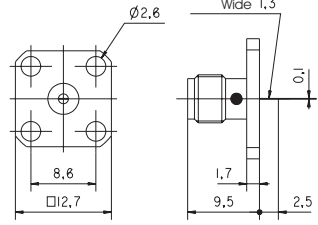
* Connectors obtained
from P/N 350.043.300
by using cutting operation:
the end part of the inner
contact is not gold plated



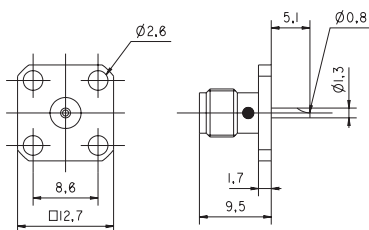
Part Number	A	B
350.043.300	17.90	15.00
350.043.301	07.00	03.90
350.043.302 (*)	04.00	03.00
350.043.305 (*)	03.00	01.00
350.043.307 (*)	12.00	05.50
350.043.308 (*)	08.00	04.80
350.043.309 (*)	14.00	11.00
350.043.311	05.00	02.90
350.043.313	15.90	12.70
350.043.334	37.00	11.10
350.043.746 (*)	09.10	08.90
350.043.747 (*)	09.70	08.50
350.043.748 (*)	05.50	03.50
350.043.749 (*)	15.00	12.70
350.043.750 (*)	05.00	03.00
350.043.751 (*)	04.50	03.20
350.043.752 (*)	04.80	04.00
350.043.753 (*)	12.50	08.00
350.043.754 (*)	13.60	12.30
350.043.755 (*)	11.20	09.90
350.043.756 (*)	06.30	04.80
350.043.757 (*)	13.10	09.40
350.043.758 (*)	10.50	05.00
350.043.759 (*)	09.80	06.50
350.043.764 (*)	08.20	04.20
350.043.765 (*)	03.30	03.20
350.043.766 (*)	03.90	03.80
350.043.767 (*)	07.80	03.00
350.043.768 (*)	08.50	04.00
350.043.769 (*)	03.50	02.00
350.043.770 (*)	13.10	09.10
350.043.771 (*)	13.60	09.70
350.043.772 (*)	10.00	08.60
350.043.773 (*)	08.80	08.80
350.043.774 (*)	17.60	05.00
350.043.775 (*)	10.50	04.00
350.043.776 (*)	16.50	13.80
350.043.777 (*)	04.00	02.30
350.043.778 (*)	09.00	05.50
350.043.779 (*)	04.30	04.20
350.043.827 (*)	02.50	0
350.043.830 (*)	07.50	0
350.043.831 (*)	07.85	06.85
350.043.832 (*)	07.00	05.50
350.043.833 (*)	16.80	09.00
350.043.834 (*)	14.00	08.50
350.043.835 (*)	03.60	03.40
350.043.836 (*)	12.10	10.90
350.043.837 (*)	14.50	13.50
350.043.838 (*)	09.50	06.00
350.043.839 (*)	07.00	02.70
350.043.840 (*)	12.00	10.00
350.043.841 (*)	10.70	09.20
350.043.842 (*)	05.10	03.90
350.043.843 (*)	11.50	10.00
350.043.844 (*)	05.30	03.50
350.043.845 (*)	10.50	06.00
350.043.846 (*)	08.00	06.50
350.043.847 (*)	05.90	05.90
350.043.848 (*)	05.00	04.60
350.043.849 (*)	04.00	04.00
350.043.860 (*)	07.00	04.50
350.043.861 (*)	09.90	05.40
350.043.862 (*)	11.50	09.50
350.043.863 (*)	08.50	06.00
350.043.864 (*)	05.50	02.60
350.043.865 (*)	15.00	05.00
350.043.866 (*)	03.90	0
350.043.867 (*)	09.50	07.50
350.043.868 (*)	09.80	07.80
350.043.869 (*)	07.10	03.90

		Part Number	A	B
Flange mount plug receptacle Captured contact		350.043.223		
Flange mount plug receptacle Captured contact		350.043.735		
Flange mount jack receptacle Captured contact		350.043.327 350.043.328 (*)	04.50 03.10	03.20 03.00
* Connectors obtained from P/N 350.043.327 by using cutting operation: the end part of the inner contact is not gold plated				
Flange mount jack receptacle Captured contact		350.043.333		
Flange mount jack receptacle Captured contact		350.043.335 350.043.336 (*) 350.043.337 (*)	17.90 04.50 04.10	15.00 03.00 04.00
* Connectors obtained from P/N 350.043.335 by using cutting operation: the end part of the inner contact is not gold plated				
Flange mount jack receptacle Captured contact		350.043.341		

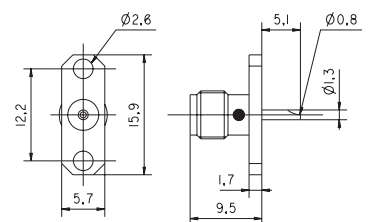
		Part Number	A	B	C
Flange mount jack receptacle Captured contact		350.043.322			
Bulkhead feedthrough jack receptacle Captured contact Panel cutout dimensions: Type 3		350.043.380			
Flange mount jack receptacle Captured contact * Connectors obtained from P/N 350.043.911 by using cutting operation: the end part of the inner contact is not gold plated		350.043.904 (*) 350.043.905 350.043.908 (*) 350.043.909 (*) 350.043.911 350.043.914 350.043.915 (*) 350.043.916 (*) 350.043.919 (*) 350.043.940 (*) 350.043.941 (*) 350.043.942 (*) 350.043.943 (*)	0 0 06.00 09.30 15.00 13.30 03.00 05.00 09.90 04.40 05.50 04.80 05.40		02.50 07.90 08.20 14.00 17.90 17.90 04.10 07.00 12.00 06.50 09.00 07.80 09.90
Flange mount jack receptacle Captured contact		350.043.325		03.20	
Flange mount jack receptacle Captured contact		350.043.326			

		Part Number	A	B
Flange mount jack receptacle Captured contact		350.043.345	3.20	
Flange mount jack receptacle Non-captured contact		350.043.715 350.043.716	1.30 0.50	
Flange mount jack receptacle Captured contact		350.043.725		

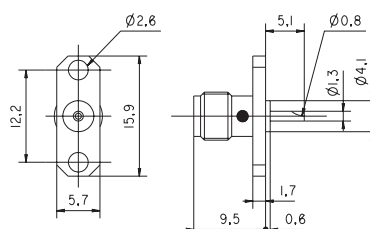
Flange mount jack
receptacle
Captured contact


350.043.330

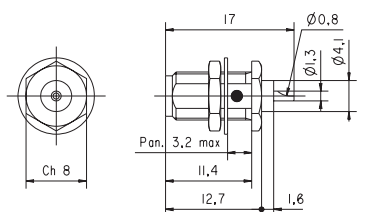
Flange mount jack
receptacle
Captured contact


350.043.329

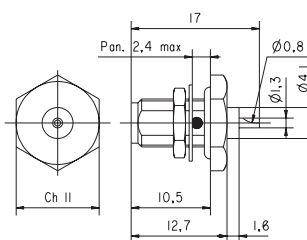
Flange mount jack
receptacle
Captured contact


350.043.340

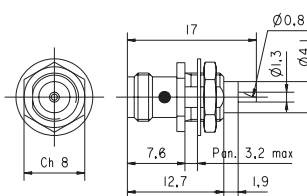
Bulkhead feedthrough
jack receptacle
Captured contact
Panel cutout
dimensions: Type 1


350.043.385

Bulkhead feedthrough
jack receptacle
Captured contact
Panel cutout
dimensions: Type 1

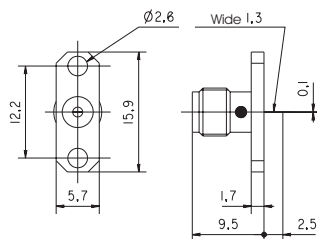

350.043.390

Bulkhead feedthrough
jack receptacle
Captured contact
Panel cutout
dimensions: Type 1

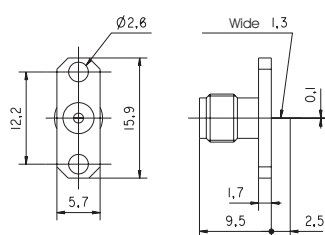

350.043.395

Part Number

Flange mount jack
receptacle
Captured contact


350.043.710

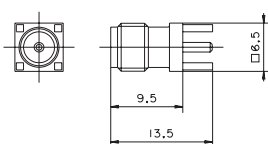
Flange mount jack
receptacle
Non-captured contact


350.043.720

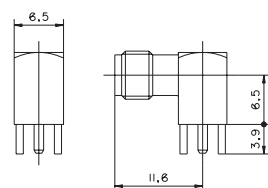
PCB connectors

Part Number

Jack connector
PCB cutout
dimensions: Type 4

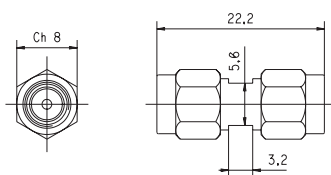

350.043.470

Jack connector
PCB cutout
dimensions: Type 4

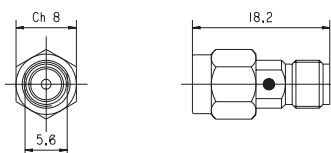

350.043.472

Part Number

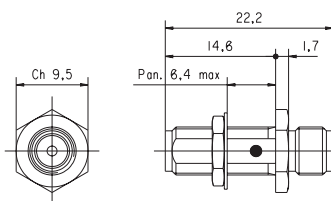
Straight plug to plug
adapter
Captured contact


350.043.820

Straight plug to jack
adapter
Captured contact

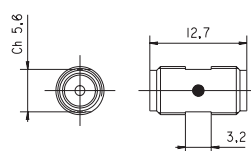

350.043.815

Straight jack to jack
adapter
Captured contact


350.043.805

Panel cutout
dimensions: Type 1

Straight jack to jack
adapter
Captured contact


350.043.810

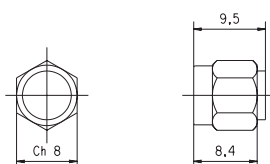
Terminations

Part Number

Plug termination

Reflection coefficient:

- f	< 2 GHz	<= 1.07
- f 2	- 8 GHz	<= 1.13
- f 8	- 12.4 GHz	<= 1.17
- f 12.4	- 14 GHz	<= 1.19
- f 14	- 18 GHz	<= 1.23


350.043.992

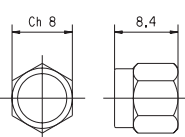
Power: 0.5W
(100% at 25 °C - 0% at 125 °C)

Tools

Part Number

Type

Plug dust cap and shorting
cap for jack connectors


**350.043.790
350.043.795**

Dust cap
Shorting cap