

Subminiature Coaxial Connectors QLA.00

With Quick Latch Mechanism¹

Description Application

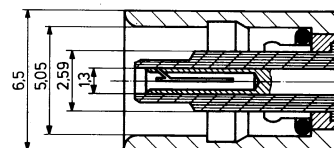
Subminiature coaxial connectors (50 Ω) for frequencies up to 1500 MHz, suitable for coaxial cables with dielectric diameters up to 1.5 mm.

All spring contacts are made of tempered and gold-plated beryllium copper and warrant for optimum contact characteristics. Since no twisting action is necessary for connector mating, these connectors are also suitable for use in locations where access is difficult as well as in equipment with a high packing factor.

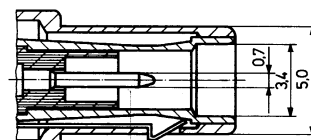
Interface dimensions Coupling mechanism

The latching action is provided by three tempered beryllium copper springs which automatically snap into a ring groove. To release the connector it is necessary to pull on the plug sleeve, whereas pulling the cable cannot cause the connector to disengage.

The connector dimensions correspond with NIM-CAMAC standards².



Jack



Plug

Suitable cables

	Group							Type	Standard	Inner conductor		Dielectric		Screen		Sheath	
	A	B	C	D	E	F	G			Mat.	dia. mm	Mat.	dia. mm	Mat.	dia. mm	Mat.	dia. mm
50 Ω 1 mm	■	■	■					G 01122	SUHNER	CuSt	0.3	PE	1.05	Cu	1.4	Ny	1.7
		■	■					G 01232-1	SUHNER	CuSt	0.26	PE	0.87	Cu	1.4	PVC II	2.0
		■	■					G 01232-2	SUHNER	CuSt	0.26	PE	0.87	Sn	1.4	PVC II	2.0
		■	■					K 01292	SUHNER	CuStAg	7×0.1	PTFE	0.87	Ag	1.4	PTFE+GSi	2.0
		■	■					RG 178 B/U	MIL	CuStAg	7×0.1	PTFE	0.87	Ag	1.4	FEP	1.8
		■	■					RG 196 A/U	MIL	CuStAg	7×0.1	PTFE	0.87	Ag	1.4	PTFE	2.0
	■	■	■					UR-94	BS	CuStAg	0.32	PE	1.05	Cu	1.4	Ny	1.7
		■	■					UR-110	BS	CuStAg	7×0.1	PTFE	0.9	Ag	1.4	FEP	1.9
		■	■					KX 21A	CCTU	CuStAg	7×0.1	PTFE	0.87	Ag	1.4	FEP	1.8
		■	■					T 0.3L/1	VG	CuStAg	7×0.1	PTFE	0.87	Ag	1.4	PTFE	2.0
50 Ω 2 mm			■	■				G 02232	SUHNER	Cu	7×0.16	PE	1.5	Cu	2.0	PVC II	2.8
			■	■				RG 174/U	MIL	CuSt	7×0.16	PE	1.5	Sn	2.0	PVC I	2.6
			■	■				RG 188 A/U	MIL	CuStAg	7×0.18	PTFE	1.5	Ag	2.0	PTFE	2.6
			■	■				RG 316/U	MIL	CuStAg	7×0.18	PTFE	1.5	Ag	2.0	FEP	2.5
			■	■				UR-95/URM-95	BS	CuStAg	0.46	PE	1.5	Cu	2.0	Ny	2.3
			■	■				UR-109	BS	CuStAg	7×0.18	PTFE	1.5	Ag	2.0	FEP	2.5
			■	■				KX 3A	CCTU	CuSt	7×0.16	PE	1.5	Cu	2.2	PVC I	2.6
			■	■				KX 22A	CCTU	CuStAg	7×0.17	PTFE	1.5	Ag	2.0	FEP	2.5
			■	■				T 0.5L/2	VG	CuStAg	7×0.17	PTFE	1.5	Ag	2.0	PTFE	2.8
			■	■				K 02252-d	SUHNER	CuStAg	7×0.18	PTFE	1.5	AgAg2.5		FEP	3.0
75 Ω 2 mm			■	■				G 02223	SUHNER	CuSt	0.23	PE	1.5	Cu	2.0	Ny	2.2
			■	■				G 02233	SUHNER	CuSt	0.23	PE	1.5	Cu	2.0	PVC II grey	2.8
			■	■				RG 179 B/U	MIL	CuStAg	7×0.1	PTFE	1.5	Ag	2.0*	FEP	2.5
			■	■				RG 187 A/U	MIL	CuStAg	7×0.1	PTFE	1.5	Ag	2.0	PTFE	2.6

Ag copper wire, silver-plated
AgAg copper wire, silver-plated double braid
Cu plain copper
CuSt steel wire, copper-plated
CuStAg steel wire, copper-plated, silvered
FEP fluorethylene propylene

GSi fibreglass with silicon varnish
Ny nylon
PE polyethylene
PTFE polytetrafluorethylene
PVC I polyvinylchloride qual. I according to MIL-C-17 D (migrating)
PVC II polyvinylchloride qual. II according to MIL-C-17 D (non-migrating)
Sn copper wire, tinned

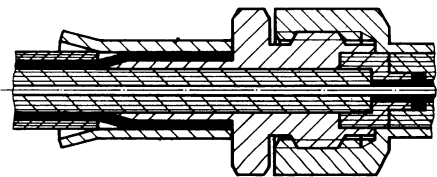
¹ Patents applied for by QUICK-LOK CONNECTORS LTD., Shoreham-by-Sea, Sussex (UK)

² Matches with LEMO-00.250 (CH) Kings K-Loc (USA) and QLC.00 (UK)

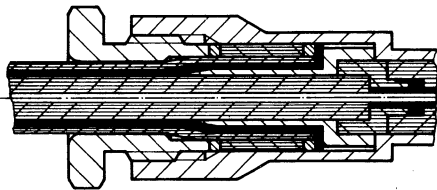
Cable Entries

The SUHNER crimp cable entry can be used in all applications which do not require special environmental protection. Quick assembly, simple construction, minimum number of individual parts and custom-made SUHNER crimp tools permit economic assembly with a high degree of reliability.

If an additional moisture sealing is required it is recommendable to use the SUHNER pressure-sleeve cable entry. The inner contacts are soldered in both models. When properly assembled, the cable retention force is equal to the tensile strength of the cable. Both entries are designed in such a manner that their electrical characteristics are almost completely independent of assembly personnel skills.



SUHNER crimp cable entry



SUHNER pressure-sleeve cable entry

Lead assemblies

Extremely careful assembly is of special significance for subminiature connectors. We will gladly perform this work for you. Highly qualified personnel and modern equipment are available to SUHNER for manufacturing ready-to-use cables. There are many reasons for buying complete RF lines: perfect assembly, no connector and cable stock needed, no scrap, no training of assembly personnel, no investments necessary for assembly facilities, accurately matching cables and connectors from the same supplier, tests carried out in modern laboratories according to factory or customer specifications.

Technical data

Construction

All types are equipped with captivated inner contacts. For increased dielectric strength, the insulators are overlap. The bodies and nuts of the cable entries can be tightened with a 5.5 mm spanner.

Standards

In accordance with NIM-CAMAC 50 CM.

Climatic data

Temperature range: -55°C to +150°C

Corrosion: meets MIL-STD-202 salt spray test requirements.

Humidity: Types with pressure sleeve cable entry and O-ring gasket 77 Z-0-0-13 are humidity-proof.

Mechanical data

Plug-in force:		approx. 0.2 kp			
Pull-out force:		approx. 0.5 kp			
Retaining force:		≥ 35 kp			
Inner contact:		2 kp, 1 minute, displacement max. 0.15 mm			
Cable retention force:	Cable group	A, B, C	D, E, F	G	
	min. force	6 kp	12 kp	14 kp	
Service life:		≥ 10 ⁴ mating cycles			

Electrical data

impedance	50 Ω			
frequency range	100 MHz	300 MHz	500 MHz	1400 MHz
VSWR 50 Ω ¹	≤ 1.1			≤ 1.2
VSWR 75 Ω ^{1 2}	≤ 1.1	≤ 1.2	≤ 1.3	—
insulation resistance	≥ 500 MΩ (at 500 V)			
working voltage	≤ 300 V _{RMS} 50 Hz, sea level			
dielectric withstanding voltage	≥ 1 kV _{RMS} 50 Hz, sea level			
contact resistance inner contact	≤ 2 mΩ			
contact resistance outer conductor	≤ 0.2 mΩ			
resistance between screen and body	≤ 0.5 mΩ			
Screening efficiency (transfer impedance Z _T)	≥ 100 db at 500 MHz (0.5 mΩ)			
max. contact current	2 A DC			

¹ Valid for mated connector pair 11 QLA-21 QLA
² In view of their short length, QLA.00 connectors can also be used in 75 Ω systems.

Materials

		Meets or exceeds the requirements of the following specifications
body and body parts	brass	QQ-B-626
contact pins	brass	QQ-B-626
contact sockets	beryllium copper, HV 350	QQ-C-530 / MIL-H-7199
crimp sleeve (SUHNER crimp)	soft copper	SUHNER specifications
latch springs, spring washers	beryllium copper, HV 350	QQ-C-533 / MIL-H-7199
insulators	PTFE	L-P-403
seals (SUHNER pressure sleeve)	silicon rubber 70 shore	ASTM-E-1418 PS I
surface treatment ¹ contacts	2.5 µ gold (95.5%)	MIL-G-45204A Type II Class 2
spring washers	tinned	SUHNER specifications
latch springs	SUCOPLATE®	SUHNER specifications
other metal parts	nickel	SUHNER specifications

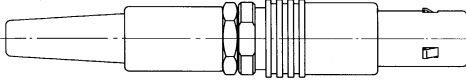
Crimping Tools for SUHNER crimp cable entries

Order No.	Description	Application
75 Z-0-22	Small hand crimp tool with fixed insert size A	Service work, medium and small batch production
75 Z-0-01	Large crimp tool for interchangeable inserts	For all work including large scale production
75 Z-0-0-2	Table press for interchangeable inserts	Large scale production
76 Z-0-2-1	Interchangeable insert size A	For use with 75 Z-0-0-1 or 75 Z-0-0-2
76 Z-0-0-3	Support for bench mounting 75 Z-0-0-1	Facilitates series production

More information in catalogue sheet ACC 1, ACC 3 and ACC 7.

Taper sleeves and colour coding

By using coloured taper sleeves, it is possible to implement a permanent colour coding system. Matches all connectors with SUHNER crimp cable entry. Manual or tool-assisted assembly.



Colour	Cable group ² C	Cable group ² F, G	Colour	Cable group ² C	Cable group ² F, G
black	78 Z-0-1-1	78 Z-0-2-1	green	78 Z-5-1-1	78 Z-5-2-1
brown	78 Z-1-1-1	78 Z-1-2-1	blue	78 Z-6-1-1	78 Z-6-2-1
red	78 Z-2-1-1	78 Z-2-2-1	violet	78 Z-7-1-1	78 Z-7-2-1
orange	78 Z-3-1-1	78 Z-3-2-1	grey	78 Z-8-1-1	78 Z-8-2-1
yellow	78 Z-4-1-1	78 Z-4-2-1	white	78 Z-9-1-1	78 Z-9-2-1

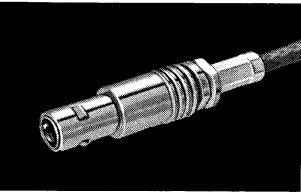
74 Z-0-2-1 Tool for taper sleeve assembly

¹ Other surface treatments on request

² See page QLA.00 1

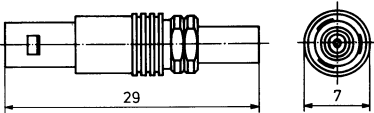
Straight Cable Plugs 50 Ω

SUHNER crimp cable entry

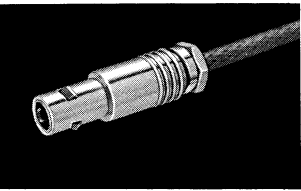


SUHNER type	cable group*	example	weight
11 QLA-01-1-1c	C	RG 178 B/U	3.8 g
11 QLA-01-2-1c	F	RG 174/U	3.8 g
11 QLA-01-2-4c	G	K 02252-d	3.8 g

Assembly instructions No. 3089
Crimping tools see page QLA.00 3

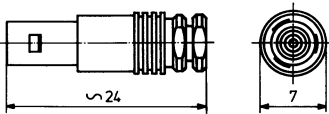


Pressure sleeve cable entry



SUHNER type	cable group*	example	weight
11 QLA-01-1-2c	A	G 01122	3.0 g
11 QLA-01-1-3c	B	RG 178 B/U	3.0 g
11 QLA-01-2-2c	E	RG 174/U	3.0 g
11 QLA-01-2-3c	D	G 02232	3.0 g

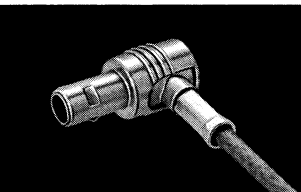
Assembly instructions No. 3088



humidity-proof

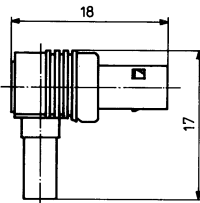
Angle Cable Plugs 50 Ω

SUHNER crimp cable entry

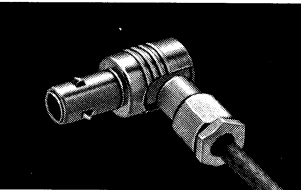


SUHNER type	cable group*	example	weight
16 QLA-01-1-1c	C	RG 178 B/U	4.0 g
16 QLA-01-2-1c	F	RG 174/U	4.0 g
16 QLA-01-2-4c	G	K 02252-d	4.0 g

Assembly instructions No. 3091
Crimping tools see page QLA.00 3

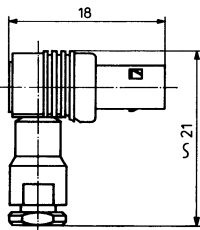


Pressure sleeve cable entry



SUHNER type	cable group*	example	weight
16 QLA-01-1-2c	A	G 01122	5.1 g
16 QLA-01-1-3c	B	RG 178 B/U	5.1 g
16 QLA-01-2-2c	E	RG 174/U	5.1 g
16 QLA-01-2-3c	D	G 02232	5.1 g

Assembly instructions No. 3099

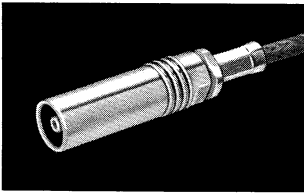


humidity-proof

* see page QLA.00 1

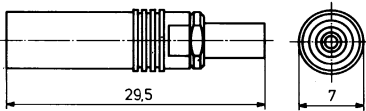
Straight Cable Jacks 50 Ω

SUHNER crimp cable entry

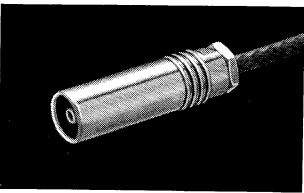


SUHNER type	cable group*	example	weight
21 QLA-01-1-1c	C	RG 178 B/U	4.6 g
21 QLA-01-2-1c	F	RG 174/U	4.6 g
21 QLA-01-2-4c	G	K 02252-d	4.6 g

Assembly instructions No. 3089
Crimping tools see page QLA.00 3

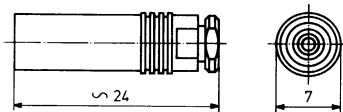


Pressure sleeve cable entry



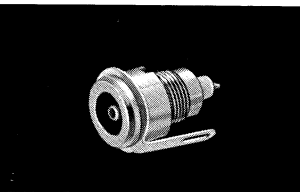
SUHNER type	cable group*	example	weight
21 QLA-01-1-2c	A	G 01122	3.8 g
21 QLA-01-1-3c	B	RG 178 B/U	3.8 g
21 QLA-01-2-2c	E	RG 174/U	3.8 g
21 QLA-01-2-3c	D	G 02232	3.8 g

Assembly instructions No. 3088



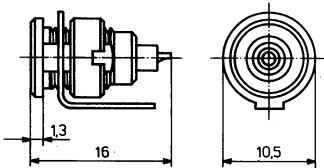
humidity-proof
built-in O-ring

Bulkhead Jack 50 Ω



SUHNER type	notes	weight
22 QLA-01-0-1	mounting hole see page QLA.00 6	3.8 g

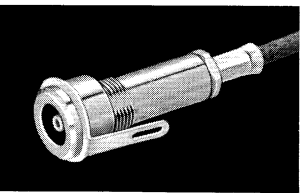
Capacity: approx. 1.5 pF



Moisture seal:
O-ring 77 Z-0-0-13

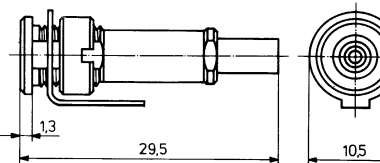
Bulkhead Cable Jacks 50 Ω

SUHNER crimp cable entry



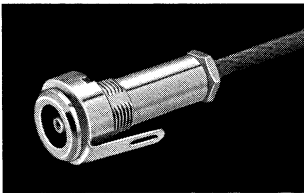
SUHNER type	cable group*	example	weight
24 QLA-01-1-1c	C	RG 178 B/U	5.5 g
24 QLA-01-2-1c	F	RG 174/U	5.5 g
24 QLA-01-2-4c	G	K 02252-d	5.5 g

Assembly instructions No. 3089
Crimping tools see page QLA.00 3
Mounting hole see page QLA.00 6



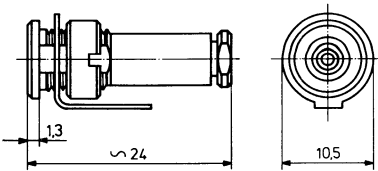
Moisture seal:
O-ring 77 Z-0-0-13

* see page QLA.00 1



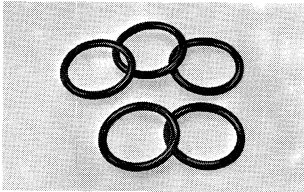
SUHNER type	cable group*	example	weight
24 QLA-01-1-2c	A	G 01122	4.7 g
24 QLA-01-1-3c	B	RG 178 B/U	4.7 g
24 QLA-01-2-2c	E	RG 174/U	4.7 g
24 QLA-01-2-3c	D	G 02232	4.7 g

Assembly instructions No. 3088
Mounting hole see page QLA.00 6



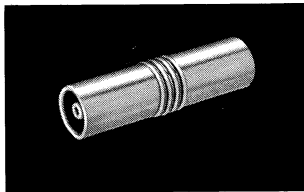
Moisture seal:
O-ring 77 Z-0-0-13

O-Ring Gaskets for Jacks

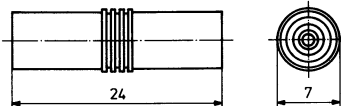


SUHNER type	notes
77 Z-0-0-13	10 O-ring gaskets in plastic bag Suitable for obtaining moisture proofness with all types 21 QLA, 22 QLA, 24 QLA
74 Z-0-0-26	Assembly tool for O-ring gaskets

Straight Adaptor 50 Ω

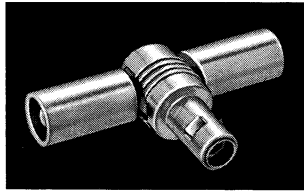


SUHNER type	notes	weight
31 QLA-01-0-1	jack/jack	3.6 g

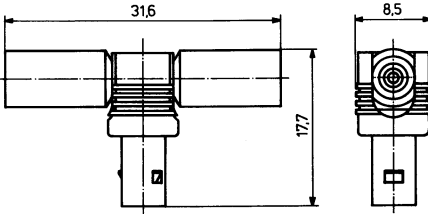


humidity-proof
built-in O-ring

T-Adaptor 50 Ω



SUHNER type	notes	weight
43 QLA-01-0-1	1× plug 2× jacks	6.8 g

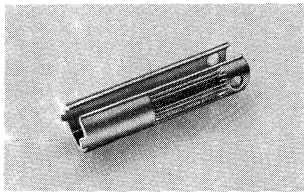


humidity-proof
built-in O-ring

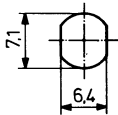
Data and tools for chassis mounting

For all types 22 QLA and 24 QLA

Mounting wrench for
tightening the slotted nut
74 Z-0-0-25

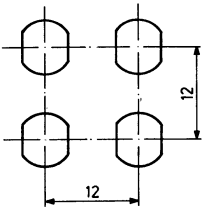


Mounting hole



Maximum panel thickness:
3.5 mm

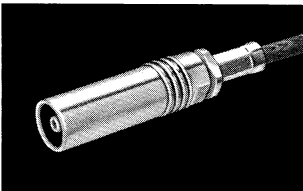
Minimum center-to-center distance



* see page QLA.00 1

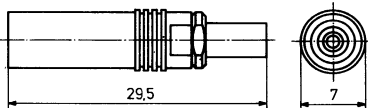
Straight Cable Jacks 50 Ω

SUHNER crimp cable entry

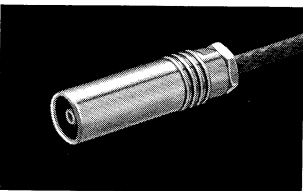


SUHNER type	cable group*	example	weight
21 QLA-01-1-1c	C	RG 178 B/U	4.6 g
21 QLA-01-2-1c	F	RG 174/U	4.6 g
21 QLA-01-2-4c	G	K 02252-d	4.6 g

Assembly instructions No. 3089
Crimping tools see page QLA.00 3

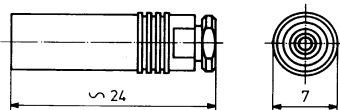


Pressure sleeve cable entry



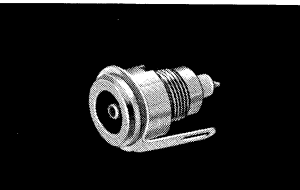
SUHNER type	cable group*	example	weight
21 QLA-01-1-2c	A	G 01122	3.8 g
21 QLA-01-1-3c	B	RG 178 B/U	3.8 g
21 QLA-01-2-2c	E	RG 174/U	3.8 g
21 QLA-01-2-3c	D	G 02232	3.8 g

Assembly instructions No. 3088



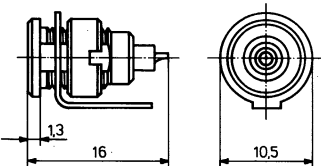
humidity-proof
built-in O-ring

Bulkhead Jack 50 Ω



SUHNER type	notes	weight
22 QLA-01-0-1	mounting hole see page QLA.00 6	3.8 g

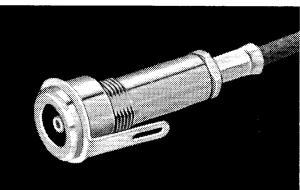
Capacity: approx. 1.5 pF



Moisture seal:
O-ring 77 Z-0-0-13

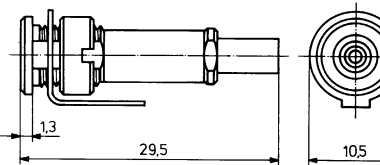
Bulkhead Cable Jacks 50 Ω

SUHNER crimp cable entry



SUHNER type	cable group*	example	weight
24 QLA-01-1-1c	C	RG 178 B/U	5.5 g
24 QLA-01-2-1c	F	RG 174/U	5.5 g
24 QLA-01-2-4c	G	K 02252-d	5.5 g

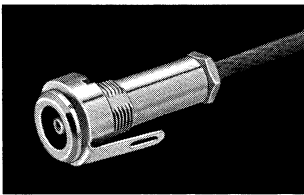
Assembly instructions No. 3089
Crimping tools see page QLA.00 3
Mounting hole see page QLA.00 6



Moisture seal:
O-ring 77 Z-0-0-13

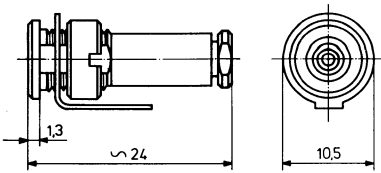
* see page QLA.00 1

Pressure sleeve cable entry



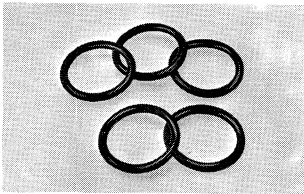
SUHNER type	cable group*	example	weight
24 QLA-01-1-2c	A	G 01122	4.7 g
24 QLA-01-1-3c	B	RG 178 B/U	4.7 g
24 QLA-01-2-2c	E	RG 174/U	4.7 g
24 QLA-01-2-3c	D	G 02232	4.7 g

Assembly instructions No. 3088
Mounting hole see page QLA.00 6



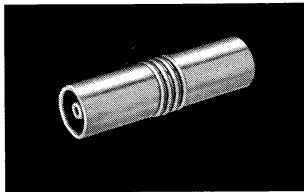
Moisture seal:
O-ring 77 Z-0-0-13

O-Ring Gaskets for Jacks

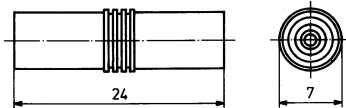


SUHNER type	notes
77 Z-0-0-13	10 O-ring gaskets in plastic bag Suitable for obtaining moisture proofness with all types 21 QLA, 22 QLA, 24 QLA
74 Z-0-0-26	Assembly tool for O-ring gaskets

Straight Adaptor 50 Ω

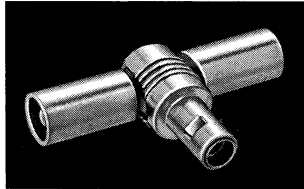


SUHNER type	notes	weight
31 QLA-01-0-1	jack/jack	3.6 g

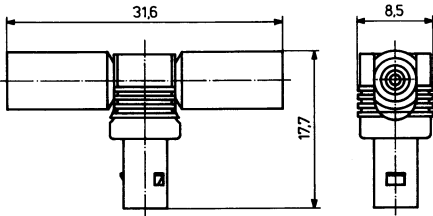


humidity-proof
built-in O-ring

T-Adaptor 50 Ω



SUHNER type	notes	weight
43 QLA-01-0-1	1 × plug 2 × jacks	6.8 g

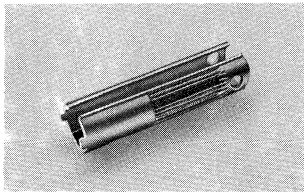


humidity-proof
built-in O-ring

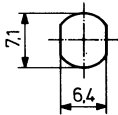
Data and tools for chassis mounting

For all types 22 QLA and 24 QLA

Mounting wrench for
tightening the slotted nut
74 Z-0-0-25

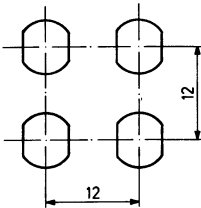


Mounting hole



Maximum panel thickness:
3.5 mm

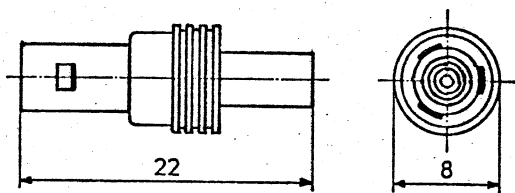
Minimum center-to-center distance



* see page QLA.00 1

Straight plug 50Ω

fully crimped cable entry

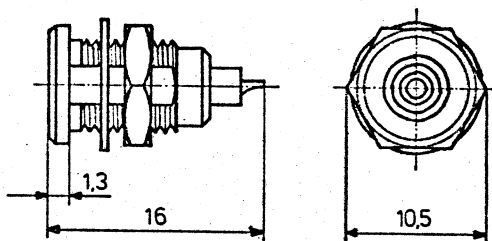


cable entry consisting of 3 loose parts only

SUHNER-type	cable group	example	weight
11 QLA-01-1-5	C	RG 178 B/U	3.0 g
11 QLA-01-2-5c	F	RG 174 /U	3.0 g
11 QLA-01-2-6c	G	RK 02252 d	3.0 g

assembly instruction No. 3093
crimp tool see page QLA.00 3

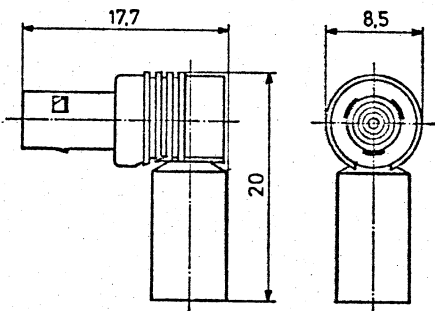
bulkhead receptacle 50Ω



SUHNER-type	notes	weight
22 QLA-01-0-2	mounting hole see page QLA.00 6. Same as 22 QLA-01-0-1, but a hexagonal nut.	3.6 g

capacitance env. 1.5 pF

L - adaptor 50 Ω



SUHNER-type	notes	weight
53 QLA-01-0-1	1 x female 1 x male	5.2g

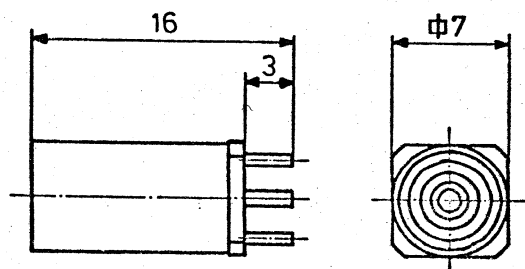
Washers for bulkhead receptacles

Washers for insulated bulkhead mounting for 22 QLA-01-.... and 24 QLA-01-.... . Two washers each.

SUHNER-type	notes	
77 Z-0-0-14	bag with 10 pairs	

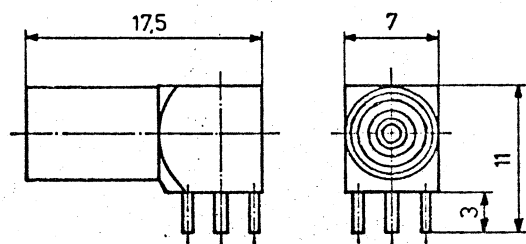
mounting hole 9 mm Ø

Print receptacle 50Ω



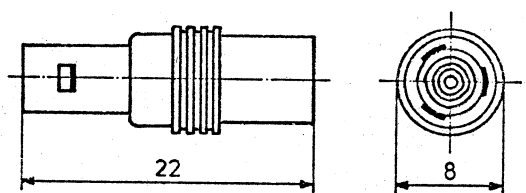
SUHNER-type	notes	weight
82 QLA-01-0-1	for 2.5 mm (0.1") pitch	2.4 g

Angle PCB socket



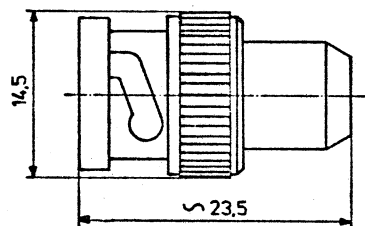
SUHNER-type	notes	weight
85 QLA-01-0-1	for 2.5mm (0.1") pitch	4.6 g

50Ω Coaxial termination



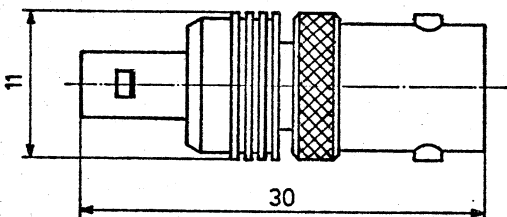
SUHNER-type	notes	weight
65 QLA-01-0-1	frequency range DC-1400 MHz VSWR 1.05 500 MHz 1.1 1000 MHz 1.2 1400 MHz power 1/8 watt	3.8 g

Between-series adaptors to BNC 50Ω



SUHNER-type	notes	weight
33 BNC-QLA-01-1	BNC male QLA female	12.5 g

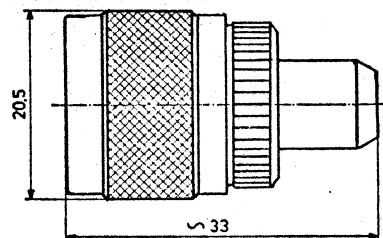
VSWR ≤ 1.1 DC-1000 MHz , ≤ 1.2 1000-1400 MHz



SUHNER-type	notes	weight
33 QLA-BNC-01-1	BNC female QLA male	7.5 g

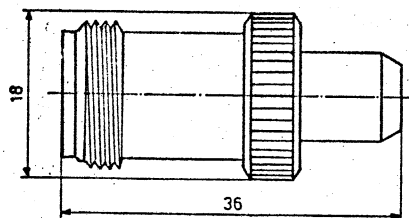
VSWR ≤ 1.1 DC-1400 MHz

Between-series adaptors to N 50Ω



SUHNER-type	notes	weight
33 N-QLA-01-1	N male QLA female	37.0 g

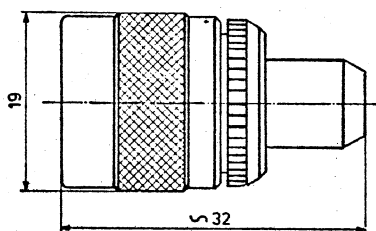
VSWR ≤ 1.1 DC-1400 MHz



SUHNER-type	notes	weight
31 N-QLA-01-1	N female QLA female	32.0 g

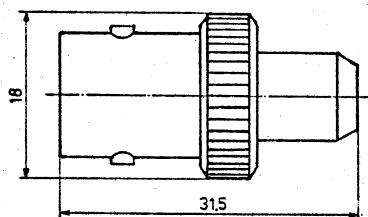
VSWR ≤ 1.1 DC-1400 MHz

Between - series adaptors to C 50 Ω



SUHNER-type	notes	weight
33 C-QLA-01-1	C male QLA female	35.0 g

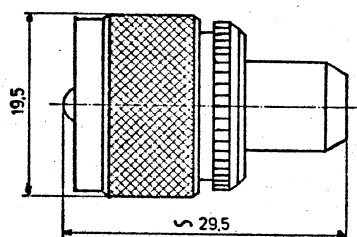
VSWR ≤ 1.1 DC-1000 MHz, ≤ 1.2 1000-1400 MHz



SUHNER-type	notes	weight
31 C-QLA-01-1	C female QLA male	25.0 g

VSWR ≤ 1.1 DC-1000 MHz, ≤ 1.2 1000-1400 MHz

Between - series adaptors to UHF



SUHNER-type	notes	weight
33 UHF-QLA-01-1	UHF male QLA female	25.0 g

impedance ist not matched

CROSS REFERENCE LIST

SUHNER - QLC - LEMO

SUHNER	QLC	LEMO*
11 QLA-01-1-1c	QL-11001Z-C2	F 00250
11 QLA-01-1-2c	QL-11001Z-P1	F 00250
11 QLA-01-1-3c	QL-11001Z-P2	F 00250
11 QLA-01-1-5		no equivalent type
11 QLA-01-2-1c	QL-11001Z-C5	F 00250
11 QLA-01-2-2c	QL-11001Z-P5	F 00250
11 QLA-01-2-3c	QL-11001Z-P4	F 00250
11 QLA-01-2-4c	no equivalent type	no equivalent type
11 QLA-01-2-5c		FS.OA.4001.250
11 QLA-01-2-6c		no equivalent type
16 QLA-01-1-1c	QL-16001Z-C2	FL 00250
16 QLA-01-1-2c	QL 16001Z-P1	FL 00250
16 QLA-01-1-3c	QL-16001Z-P2	FL 00250
16 QLA-01-2-1c	QL-16001Z-C5	FL 00250
16 QLA-01-2-2c	QL-16001Z-P5	FL 00250
16 QLA-01-2-3c	QL-16001Z-P4	FL 00250
16 QLA-01-2-4c	no equivalent type	no equivalent type
21 QLA-01-1-1c	QL-21001Z-C2	RC 00250
21 QLA-01-1-2c	QL-21001Z-P1	RC 00250
21 QLA-01-1-3c	QL-21001Z-P2	RC 00250
21 QLA-01-2-1c	QL-21001Z-C5	RC 00250
21 QLA-01-2-2c	QL-21001Z-P5	RC 00250
21 QLA-01-2-3c	QL-21001Z-P4	RC 00250
21 QLA-01-2-4c	no equivalent type	no equivalent type
22 QLA-01-0-1	QL-22001Z	RA 00250 (LEMO with hexagonal nut)
22 QLA-01-0-2		RA 00250
24 QLA-01-1-1c	QL-24001Z-C2	RASC 00250
24 QLA-01-1-2c	QL-24001Z-P1	RASC 00250
24 QLA-01-1-3c	QL-24001Z-P2	RASC 00250
24 QLA-01-2-1c	QL-24001Z-C5	RASC 00250
24 QLA-01-2-2c	QL-24001Z-P5	RASC 00250
24 QLA-01-2-3c	QL-24001Z-P4	RASC 00250
24 QLA-01-2-4c	no equivalent type	no equivalent type
31 C-QLA-01-1		C-AD 00250
31 N-QLA-01-1		N-AD 00250
31 QLA-01-0-1	QL-31001Z	RM 00250
33 BNC-QLA-01-1		AD-B 00250
33 C-QLA-01-1		AD-C 00250
33 N-QLA-01-1		AD-N 00250
33 UHF-QLA-01-1		AD-A 00250
33 QLA-BNC-01-1		B-AD 00250

* For LEMO types it is essential to state cable to be used in addition to type number shown here.

SUHNER

QLC

LEMO*

43 QLA-01-0-1

QL-43001Z

FT 00250

53 QLA-01-0-1

FR 00250

65 QLA-01-0-1

FRT 00250

82 QLA-01-0-1

RP 00250

85 QLA-01-0-1

RPL 00250

* For LEMO types it is essential to state cable to be used in addition to type number shown here.

VERGLEICHSLISTE

SUHNER - QLC - LEMO

SUHNER	QLC	LEMO
11 QLA-01-1-1c	QL-11001Z-C2	F 00250
11 QLA-01-1-2c	QL-11001Z-P1	
11 QLA-01-1-3c	QL-11001Z-P2	
11 QLA-01-2-1c	QL-11001Z-C5	
11 QLA-01-2-2c	QL-11001Z-P5	
11 QLA-01-2-3c	QL-11001Z-P4	
11 QLA-01-2-4c	kein Aequivalent-Typ	kein Aequivalent-Typ
16 QLA-01-1-1c	QL-16001Z-C2	FL 00250
16 QLA-01-1-2c	QL-16001Z-P1	
16 QLA-01-1-3c	QL-16001Z-P2	
16 QLA-01-2-1c	QL-16001Z-C5	
16 QLA-01-2-2c	QL-16001Z-P5	
16 QLA-01-2-3c	QL-16001Z-P4	
16 QLA-01-2-4c	kein Aequivalent-Typ	kein Aequivalent-Typ
21 QLA-01-1-1c	QL-21001Z-C2	RC 00250
21 QLA-01-1-2c	QL-21001Z-P1	
21 QLA-01-1-3c	QL-21001Z-P2	
21 QLA-01-2-1c	QL-21001Z-C5	
21 QLA-01-2-2c	QL-21001Z-P5	
21 QLA-01-2-3c	QL-21001Z-P4	
21 QLA-01-2-4c	kein Aequivalent-Typ	kein Aequivalent-Typ
22 QLA-01-0-1	QL-22001Z	RA 00250
24 QLA-01-1-1c	QL-24001Z-C2	RASC 00250
24 QLA-01-1-2c	QL-24001Z-P1	
24 QLA-01-1-3c	QL-24001Z-P2	
24 QLA-01-2-1c	QL-24001Z-C5	
24 QLA-01-2-2c	QL-24001Z-P5	
24 QLA-01-2-3c	QL-24001Z-P4	
24 QLA-01-2-4c	kein Aequivalent-Typ	kein Aequivalent-Typ
31 QLA-01-0-1	QL-31001Z	RM 00250
43 QLA-01-0-1	QL-43001Z	FT 00250