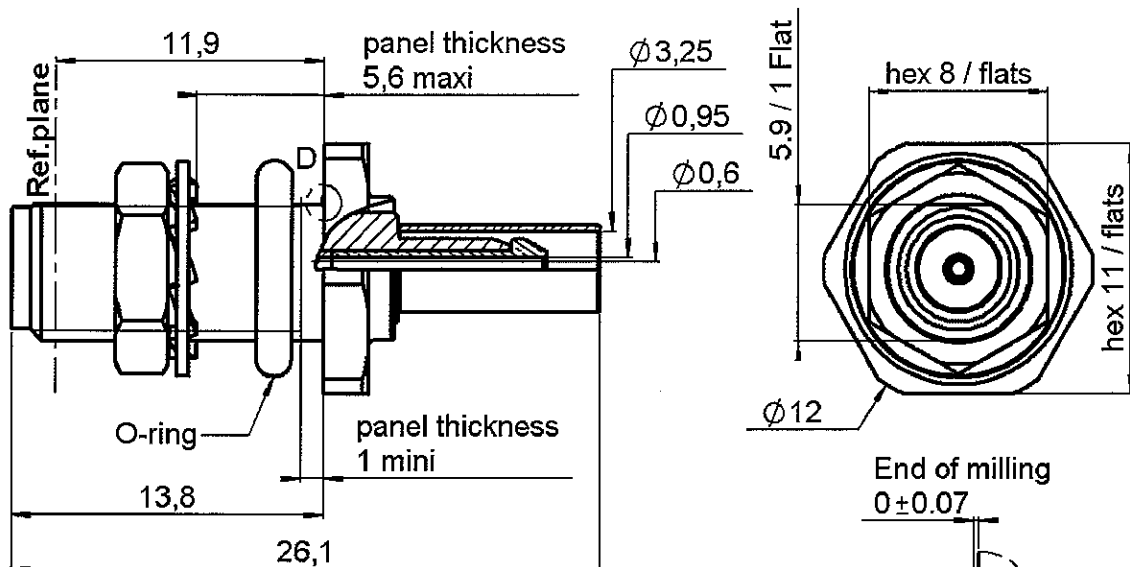


STRAIGHT BULKEAD JACK COMBINATION SEAL

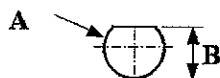
REAR MOUNTING CRIMP TYPE - CABLE 2/50S

R125.320.020

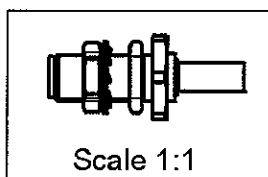
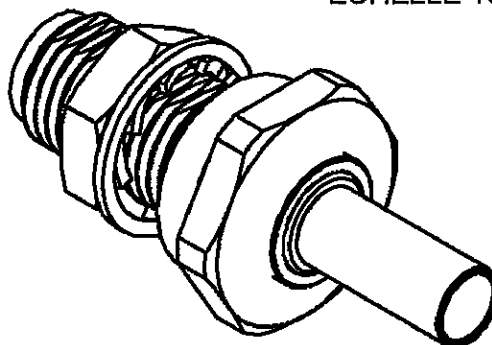
Series : SMA



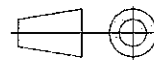
PANEL CUT OUT



	mm	
	Maxi	mini
A	6,5	6,4
B	6,15	6

DÉTAIL D
ECHELLE 10 : 1

All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
BODY	STAINLESS STEEL	GOLD 0.5 OVER NICKEL 2
CENTER CONTACT	BERYLLIUM COPPER	GOLD 2.5 OVER COPPER 2.5
OUTER CONTACT	-	-
INSULATOR	PTFE	-
GASKET	SILICONE RUBBER	GOLD 0.2 OVER NICKEL 2
OTHERS PARTS	STAINLESS STEEL	-
-	-	-
-	-	-

Issue : 0618 B

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

**RADIALL®**

STRAIGHT BULKEAD JACK COMBINATION SEAL**R125.320.020****REAR MOUNTING CRIMP TYPE - CABLE 2/50S**

Series : SMA

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-12.4	GHz
VSWR	1.15 + 0,0600	x F(GHz) Maxi
Insertion loss	0.1	\sqrt{F} (GHz) dB Maxi
RF leakage	- (*40	- F(GHz)) dB Maxi
Voltage rating	170	Veff Maxi
Dielectric withstanding voltage	500	Veff mini
Insulation resistance	5000	M Ω mini

MECHANICAL CHARACTERISTICS

Center contact retention	
Axial force – Mating end	27 N mini
Axial force – Opposite end	27 N mini
Torque	NA N.cm mini

Recommended torque	
Mating	NA N.cm
Panel nut	150 N.cm
Clamp nut	NA N.cm
A/F clamp nut	0,0000 mm

Mating life	500 Cycles mini
Weight	4,2700 g

ENVIRONMENTAL

Operating temperature	-65/+105 °C
Hermetic seal	NA Atm.cm3/s
Panel leakage	IP67

SPECIFICATION**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	1,50	7,50	12,5	0,00	11,0	0,00

Assembly instruction :

Recommended cable(s)
RG 178

Characteristics indicated on this data sheet are those that can be achieved with the highest performance cable. Intrinsic limitations of the cable may diminish the performance of the assembly

Cable retention

- pull off	35 N mini
- torque	NA N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.
R282.211.000	CRIMPING TOOL	3.25
R282.235.003	CRIMPING DIES	3.25
R282.293.000	CRIMPING TOOL	

OTHER CHARACTERISTICS

*The shielding effectiveness is limited by the RG178 cable

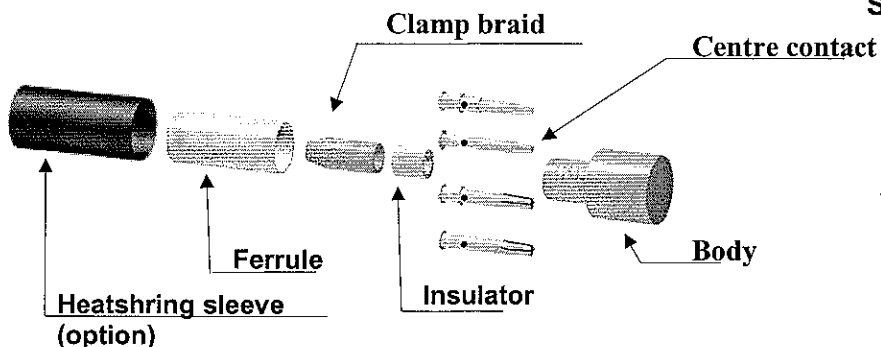
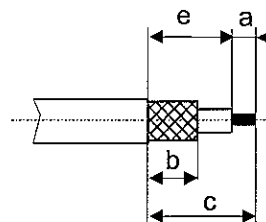
Issue : 0618 B

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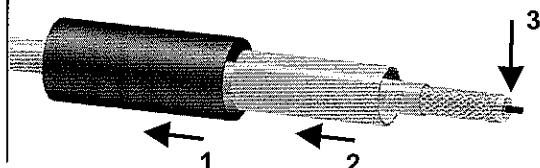
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STRAIGHT BULKEAD JACK COMBINATION SEAL**REAR MOUNTING CRIMP TYPE - CABLE 2/50S****R125.320.020**

Series : SMA

COMPONENTS**STRIPPING DIMENSIONS****1**

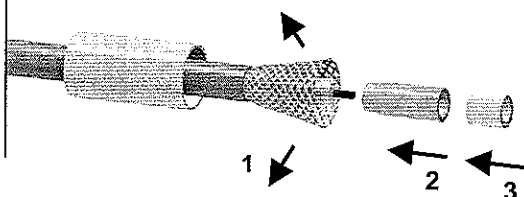
Slide the heatshrink sleeve onto the cable (Option).
Slide the ferrule onto the cable.
Strip the cable.

**4**

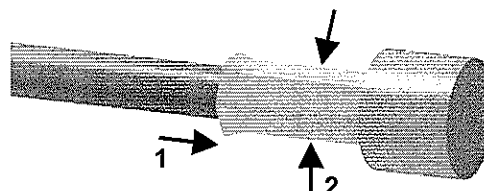
Slide cable into body until it bottoms against insulator.

**2**

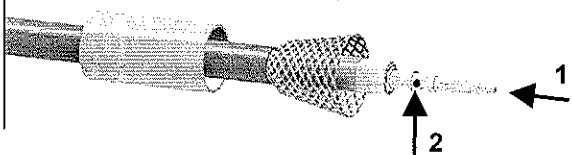
Fan the braid and brush it to respect the cable retention sanction .
Slide the braid clamp and the insulator between the dielectric and the braid.
Slide the insulator between the dielectric and the braid.

**5**

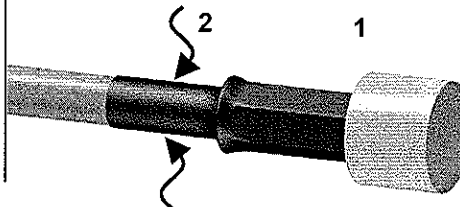
Slide the ferrule over the braid.
Crimp the ferrule with crimping tool (see connector

**3**

Slide on the centre contact until it bottoms against the cable dielectric.
Solder or crimp the centre contact with crimping tool (see connector TDS).
Clean solder area if necessary.

**6**

Cut the excess of braid if necessary.
Slide the sleeve over the ferrule and heatshrink it in place (Option).



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