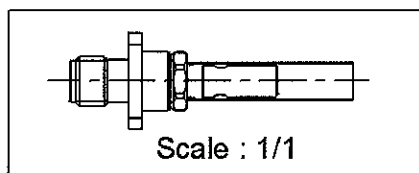
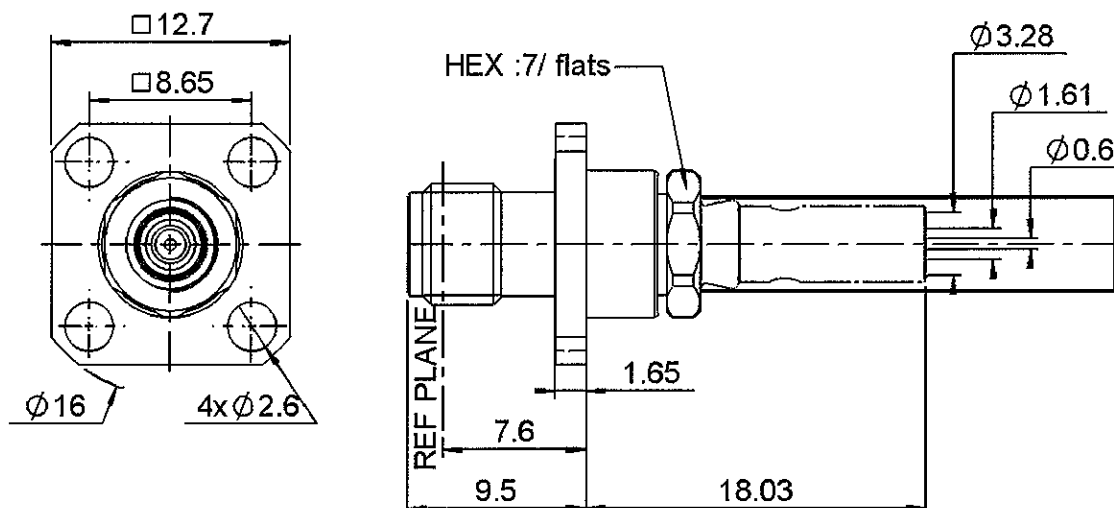


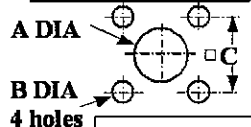
STRAIGHT JACK SQUARE FLANGE
CRIMP AND SOLDER TYPE - CABLE 2.6/50 S

R125.272.001

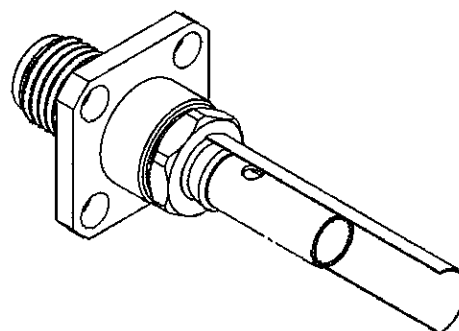
Series : SMA



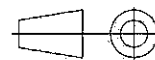
PANEL CUT OUT



	mm	
	Maxi	mini
A	6.6	6.5
B	2.7	2.6
C	8.69	8.59



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (μm)
BODY	STAINLESS STEEL	PASSIVATED .
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL 2
OUTER CONTACT	-	-
INSULATOR	PTFE	-
GASKET	-	-
OTHERS PARTS	BRASS	NICKEL 2
-	-	-
-	-	-

Issue : 0539 E

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



RADIALL®

STRAIGHT JACK SQUARE FLANGE
CRIMP AND SOLDER TYPE - CABLE 2.6/50 S

R125.272.001

Series : SMA

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

Impedance		50 Ω
Frequency		0-12.4 GHz
VSWR	1.15 +	0.020 x F(GHz) Maxi
Insertion loss		0.06 $\sqrt{F}$ (GHz) dB Maxi
RF leakage	- (	60 - F(GHz)) dB Maxi
Voltage rating		250 Veff Maxi
Dielectric withstanding voltage		750 Veff mini
Insulation resistance		5000 M Ω mini

MECHANICAL CHARACTERISTICS

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

Recommended torque		
Mating	NA	N.cm
Panel nut	NA	N.cm
Clamp nut	100	N.cm
A/F clamp nut	7.000	mm

Mating life	500	Cycles mini
Weight	5.200	g

ENVIRONMENTAL

Operating temperature	-65/+165	°C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

SPECIFICATION

4050044

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	2.85	7.00	18.0	0.00	8.15	0.00

Assembly instruction :

Recommended cable(s)

RG 316

RG 188

KX 22A

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	90	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	

OTHERS CHARACTERISTICS

Issue : 0539 E

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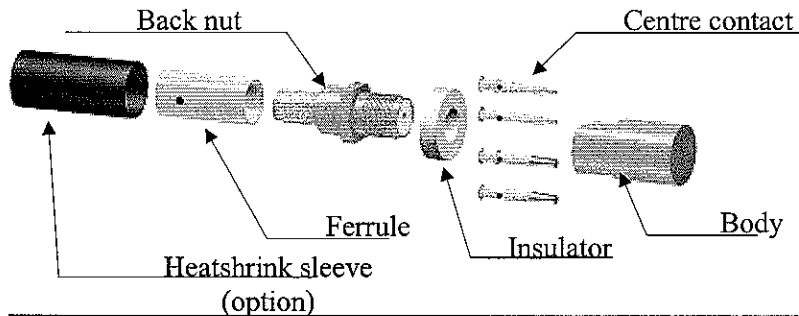
**RADIALL®**

STRAIGHT JACK SQUARE FLANGE
CRIMP AND SOLDER TYPE - CABLE 2.6/50 S

R125.272.001

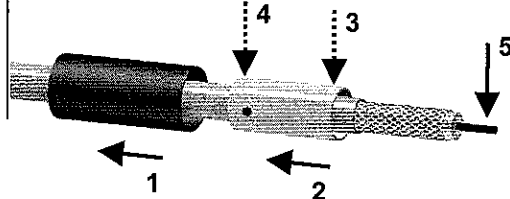
Series : SMA

COMPONENTS



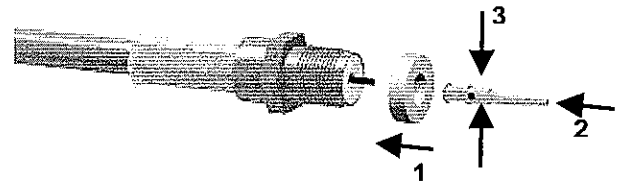
1

Slide the heatshrink sleeve onto the cable (Option).
 Slide the ferrule onto the cable.
 Position the ferrule's hole at the front if soldering.
 Position the ferrule's hole at the back if crimping.
 Strip the cable.



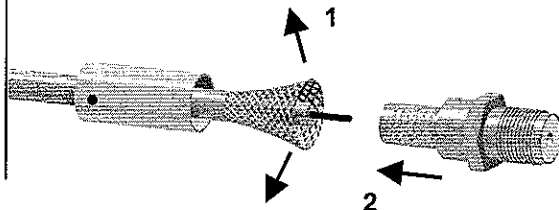
4

Slide the centre contact on until it bottoms against the insulator back nut.
 Solder or crimp the contact (see connector TDS).



2

Fan the braid.
 Slide the cable into the back nut.



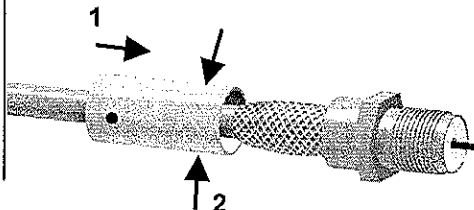
5

Screw the back nut into the connector body with the adapted wrench.
 Recommended coupling torque (see connector TDS)



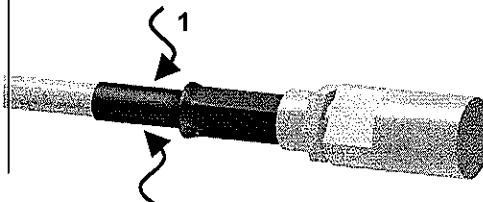
3

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



6

Slide the sleeve over the ferrule and heatshrink it in place (option).



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