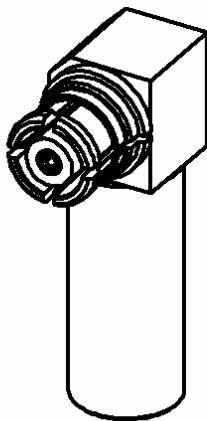
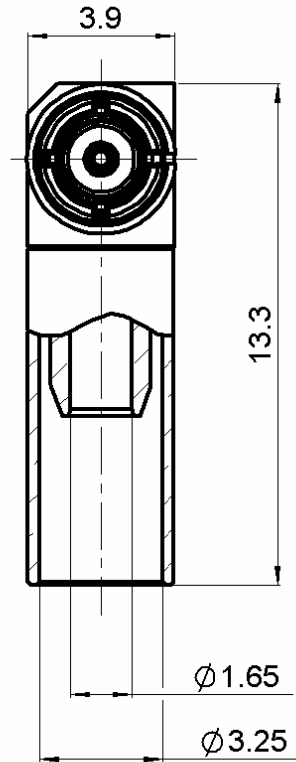
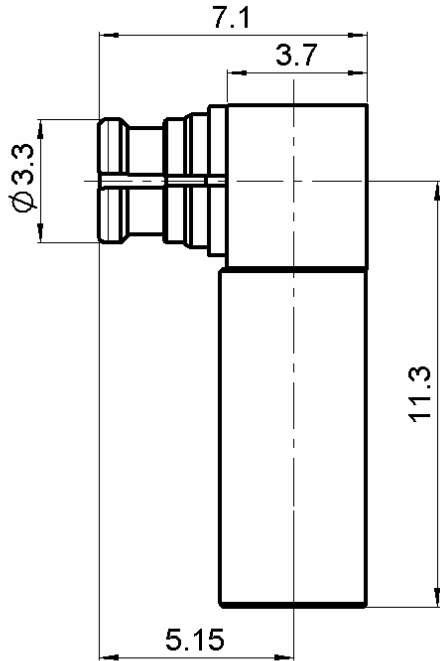


RIGHT ANGLE PLUG CRIMP TYPE
NON MAGNETIC CABLE 2.6/50S

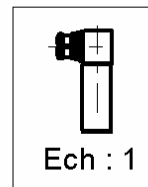
R222.900.357

Series : SMP-COM

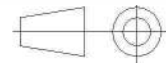


Production according to procedure PAQP-VOR-017

Coaxial connector will not go over 0.5ppm at 10mm under a magnetic field of 1.5T



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
BODY	NON MAGNETIC BRONZE	BBR 2
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.3 OVER COPPER 2.5
OUTER CONTACT	BERYLLIUM COPPER	BBR 2
INSULATOR	PTFE	
GASKET	-	
OTHERS PARTS	NON MAGNETIC BRONZE	BBR 2
-	-	-
-	-	-

Issue : 1134 B

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



RADIALL®

RIGHT ANGLE PLUG CRIMP TYPE

R222.900.357

NON MAGNETIC CABLE 2.6/50S

Series : SMP-COM

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

SPECIFICATION

ELECTRICAL CHARACTERISTICS

Impedance		50 Ω
Frequency		0-12.4* GHz
VSWR	1.25** +	0,0000 x F(GHz) Maxi
Insertion loss		0.12 √F(GHz) dB Maxi
RF leakage	- (55***)	- F(GHz)) dB Maxi
Voltage rating		250 Veff Maxi
Dielectric withstanding voltage		750 Veff mini
Insulation resistance		5000 MΩ mini

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	1,30	5,00	7,80	0,00	6,50	0,00

Assembly instruction :

Recommended cable(s)
NON MAGNETIC CABLE
RG 316 AMAG

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	53 N mini
- torque	1.3 N.cm

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating end	6.8	N mini
Axial force – Opposite end	6.8	N mini
Torque	NA	N.cm mini

TOOLING

Part Number	Description	Hexagon
R282.235.003	CRIMPING DIES M22520/5-03	
R282.271.000	CRIMPING TOOL	
R282.293.000	CRIMPING TOOL M22520/5-01	

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

Mating life	100	Cycles mini
Weight	0,9000	g

OTHER CHARACTERISTICS

*ROS 1.7 at 12.4GHz
**ROS at 6GHz
***RF Leakage:-40dB min 3<F<6GHz

Maximum DC current : 7 amps (to be confirmed By test)

DC contact resistance (between the interface) :
2 mOhms on the outer contact
6 mOhms on the center contact

ENVIRONMENTAL

Operating temperature	-55/+125	° C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

Issue : 1134 B

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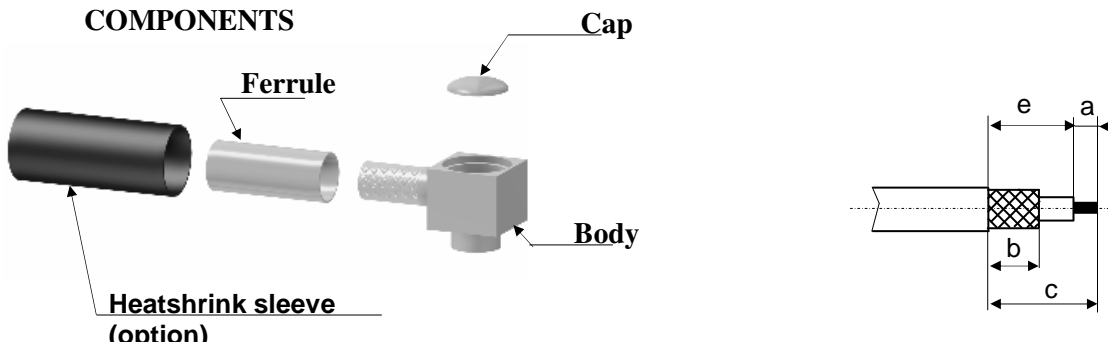


RIGHT ANGLE PLUG CRIMP TYPE
NON MAGNETIC CABLE 2.6/50S

R222.900.357

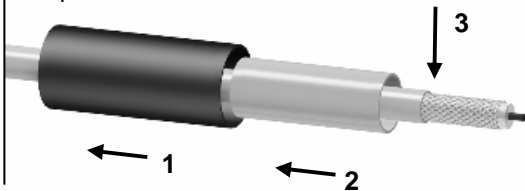
Series : SMP-COM

COMPONENTS



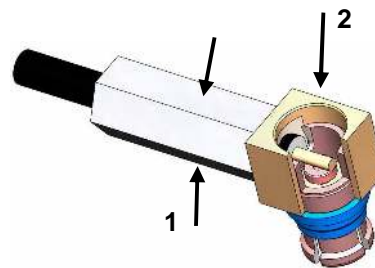
1

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



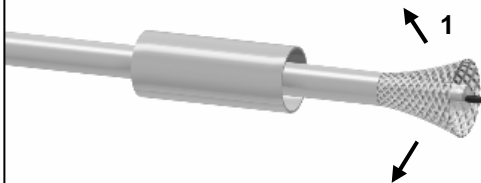
4

Crimp the ferrule with crimping tool (see connector TDS).
 Solder the inner conductor.



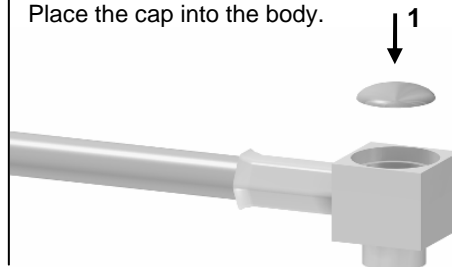
2

Fan the braid.



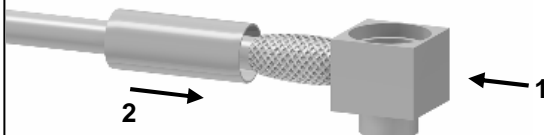
5

Place the cap into the body.



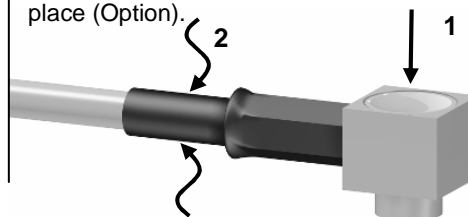
3

Push the connector body under the braid.
 Slide the ferrule over the braid.



6

Press on the cap flush or slightly below the surface
 of the body assembly.
 Slide the sleeve over the ferrule and heatshrink it in
 place (Option).



Issue : 1134 B

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