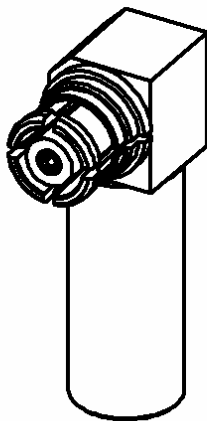
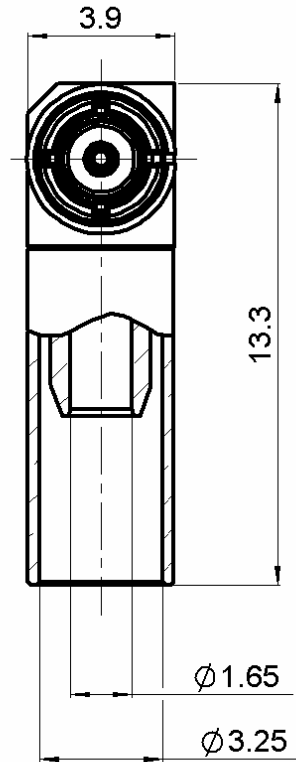
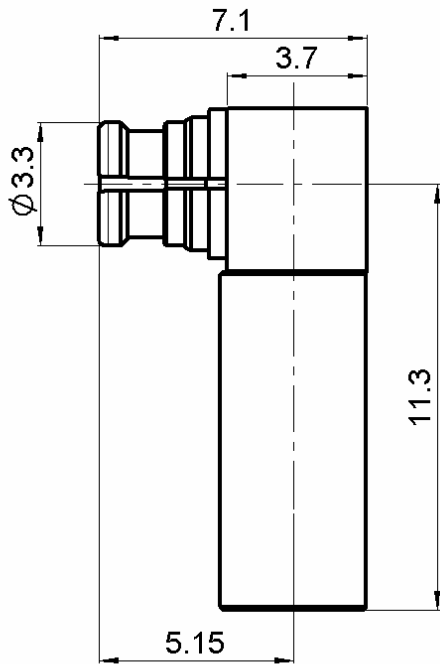


**RIGHT ANGLE PLUG CRIMP TYPE**  
**NON MAGNETIC CABLE 2.6/50S**

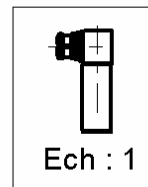
**R222.900.357**

Series : SMP-COM

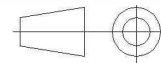


Production according to procedure PAQP-VOR-017

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.



**RIGHT ANGLE PLUG CRIMP TYPE**

**R222.900.357**

**NON MAGNETIC CABLE 2.6/50S**

Series : SMP-COM

**PACKAGING**

Standard	Unit	Other
<b>100</b>	<b>'W' option</b>	<b>Contact us</b>

**SPECIFICATION**

**ELECTRICAL CHARACTERISTICS**

Impedance		<b>50</b> Ω
Frequency		<b>0-12.4*</b> GHz
VSWR	<b>1.25**</b> +	<b>0,0000</b> x F(GHz) Maxi
Insertion loss		<b>0.12</b> √F(GHz) dB Maxi
RF leakage	- ( <b>55***</b> -	F(GHz)) dB Maxi
Voltage rating		<b>250</b> Veff Maxi
Dielectric withstanding voltage		<b>750</b> Veff mini
Insulation resistance		<b>5000</b> 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	<b>53</b> N mini
- torque	<b>1.3</b> N.cm

**MECHANICAL CHARACTERISTICS**

Center contact retention		
Axial force – Mating end	<b>6.8</b>	N mini
Axial force – Opposite end	<b>6.8</b>	N mini
Torque	<b>NA</b>	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	<b>NA</b>	N.cm
Panel nut	<b>NA</b>	N.cm
Clamp nut	<b>NA</b>	N.cm
A/F clamp nut	<b>0,0000</b>	mm

Mating life	<b>100</b>	Cycles mini
Weight	<b>0,9000</b>	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	<b>-55/+125</b>	° C
Hermetic seal	<b>NA</b>	Atm.cm3/s
Panel leakage	<b>NA</b>	

Issue : 1134 B

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



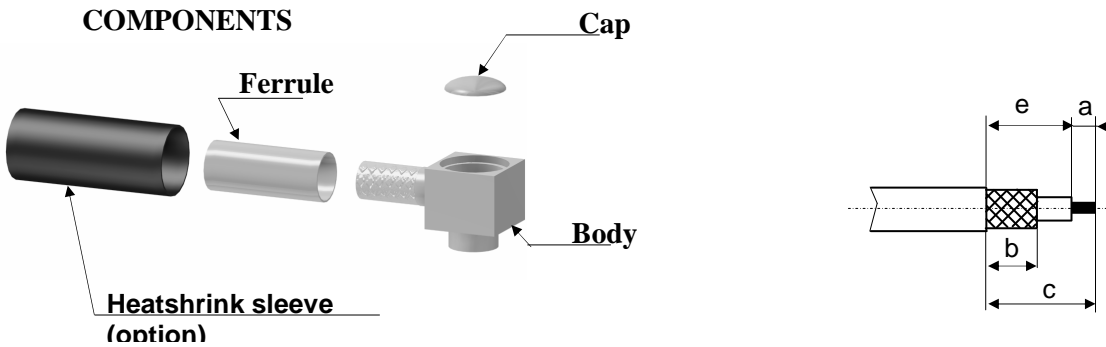
**RIGHT ANGLE PLUG CRIMP TYPE**

**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).

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