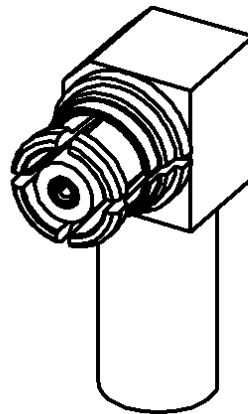
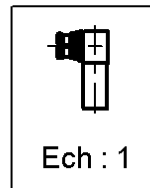
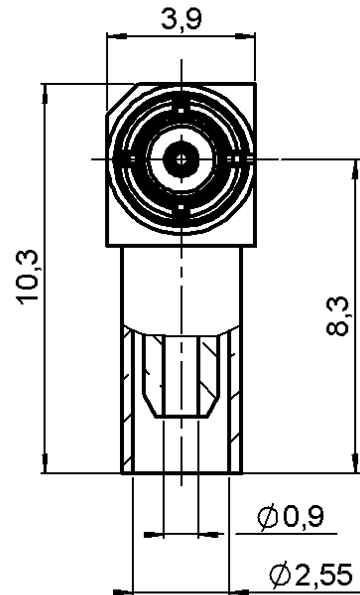
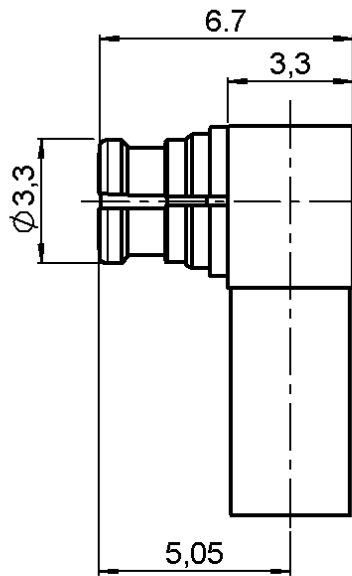


RIGHT ANGLE PLUG CRIMP TYPE

CABLE 2/50 S

R222.900.310

Series : SMP-COM



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
BODY	BRASS	NPGR
CENTER CONTACT	BERYLLIUM COPPER	NPGR
OUTER CONTACT	BERYLLIUM COPPER	NPGR
INSULATOR	PTFE	
GASKET	-	
OTHERS PARTS	BRASS	GOLD 0.2 OVER NICKEL 2
-	-	-
-	-	-

Issue : 0633 A

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



RIGHT ANGLE PLUG CRIMP TYPE

CABLE 2/50 S

R222.900.310

Series : SMP-COM

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-12.4*	GHz
VSWR	1.25** + 0,0000	x F(GHz) Maxi
Insertion loss	0.12	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	- (55***	- 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	6.8 N mini
Axial force – Opposite end	6.8 N mini
Torque	NA N.cm mini

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

Mating life	100 Cycles mini
Weight	0,7100 g

ENVIRONMENTAL

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

SPECIFICATIONCABLE ASSEMBLY

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

Assembly instruction : **Crimp 05**

Recommended cable(s)
 RG 196
 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	2.67
R282.235.003	CRIMPING DIES	2.67
R282.293.000	CRIMPING TOOL	-

OTHER CHARACTERISTICS

* ROS 1.7 at 12.4GHz

** ROS at 6GHz

RF Leakage : -40dB min 3<F<6GHz

Issue : 0633 A

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