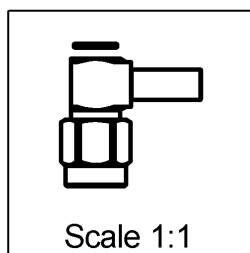
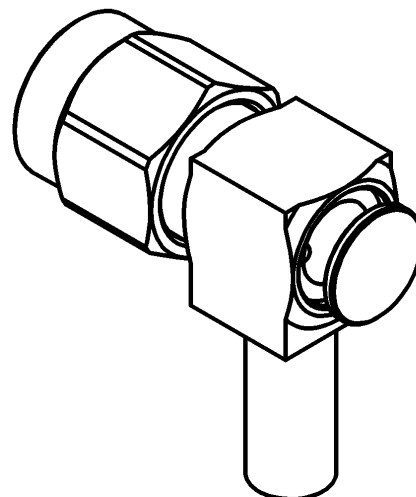


R125.172.167

Series : **SMA**

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

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



RIGHT ANGLE PLUG CRIMP TYPE**CABLE 2.6/50 S****R125.172.167**

Series : SMA

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-12.4	GHz
VSWR	1.15 + 0,0300	x F(GHz) Maxi
Insertion loss	0.15	$\sqrt{F}(\text{GHz})$ 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	27	N mini
Torque	2.8	N.cm mini

Recommended torque		
Mating	100	N.cm
Panel nut	NA	N.cm
Clamp nut	NA	N.cm
A/F clamp nut	0,0000	mm

Mating life	500	Cycles mini
Weight	4,9500	g

ENVIRONMENTAL

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

SPECIFICATION**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	2,80	7,00	12,8	0,00	10,0	0,00

Assembly instruction : **Crimp 05**

Recommended cable(s)

RG 188

RG 316

KX 22A

ECO 316

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	Hex 3.25
R282.235.003	CRIMPING DIES	Hex 3.25
R282.293.000	CRIMPING TOOL M22520/5-01	

OTHER CHARACTERISTICS

Distortion of the magnetic field < 0.5 ppm
at Bo = 1.5 Tesla

Issue : 0714 A

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