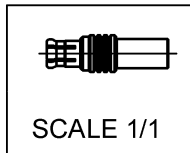
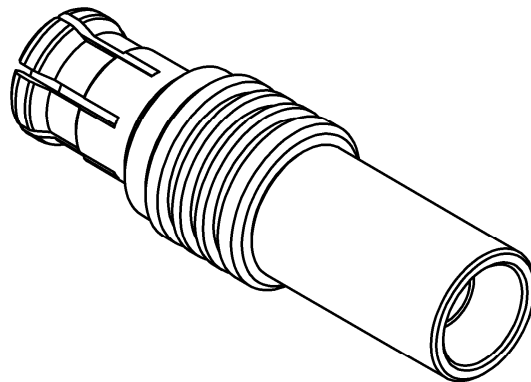
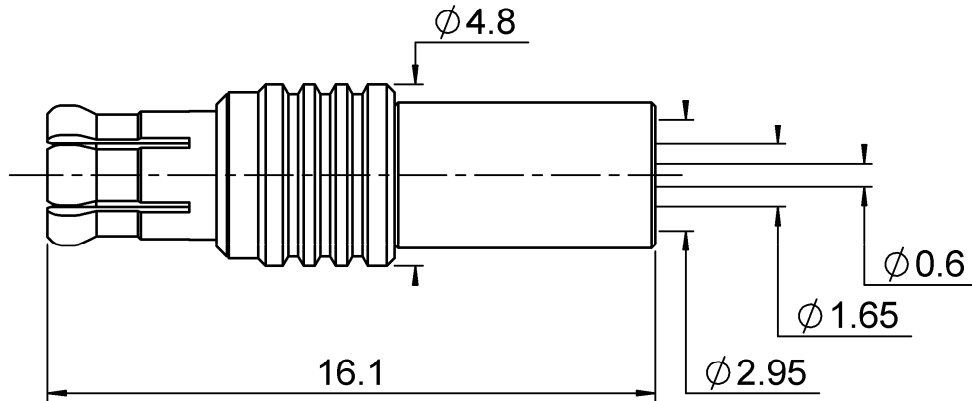


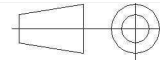
STRAIGHT PLUG CRIMP TYPE
NON MAGNETIC CABLE 2.6/50 S

R113.082.097

Series : MCX



All dimensions are in mm.



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

Issue : 1145 A

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



STRAIGHT PLUG CRIMP TYPE
NON MAGNETIC CABLE 2.6/50 S

R113.082.097

Series : MCX

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

SPECIFICATION

ELECTRICAL CHARACTERISTICS

Impedance		50 Ω
Frequency		0-6 GHz
VSWR	1.1 +	0,0800 x F(GHz) Maxi
Insertion loss		0.25 √F(GHz) dB Maxi
RF leakage	- (NA - F(GHz)) dB Maxi
Voltage rating		170 Veff Maxi
Dielectric withstanding voltage		500 Veff mini
Insulation resistance		1000 MΩ mini

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	2,50	6,00	10,0	0,00	7,50	0,00

Assembly instruction : **Crimp 02**

Recommended cable(s)
RG 316

MECHANICAL CHARACTERISTICS

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

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	NA	N.cm

TOOLING

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	500	Cycles mini
Weight	0,9900	g

Part Number	Description	Hexagon
.	.	.
R282.235.003	CRIMPING DIES M22520/5-03	3.25
R282.271.000	CRIMPING TOOL	3.25 - SQUARE 0.72
R282.293.000	CRIMPING TOOL M22520/5-01	

ENVIRONMENTAL

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

OTHER CHARACTERISTICS

Distortion of the magnetic field :
≤ 0.5 ppm@ 10 mm @ Bo = 1.5 Tesla

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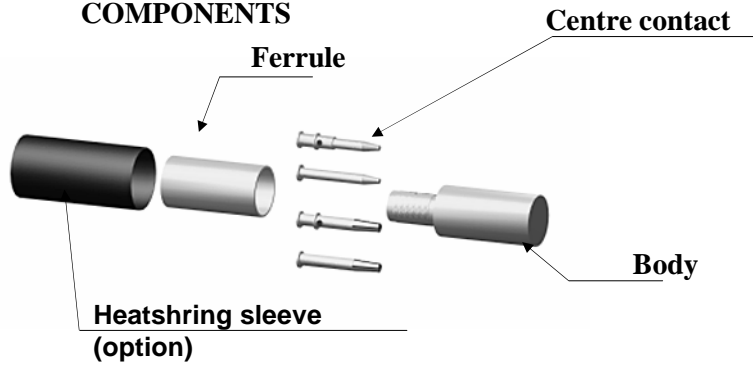


STRAIGHT PLUG CRIMP TYPE
NON MAGNETIC CABLE 2.6/50 S

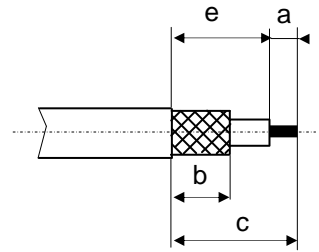
R113.082.097

Series : MCX

COMPONENTS

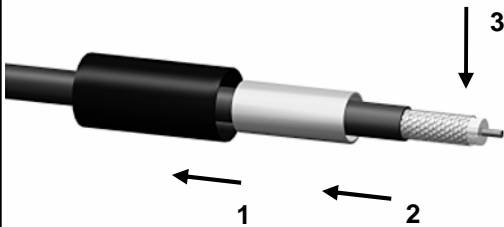


STRIPPING DIMENSIONS



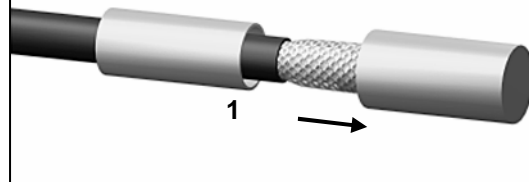
1

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



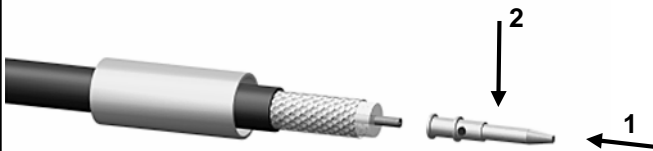
4

Slide the cable into the body until it bottoms against insulator.



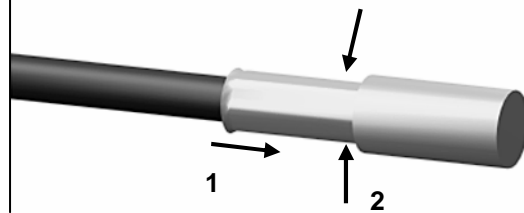
2

Slide the centre contact on until it bottoms against the cable dielectric.
 Crimp the centre contact with crimping tool (see connector TDS).



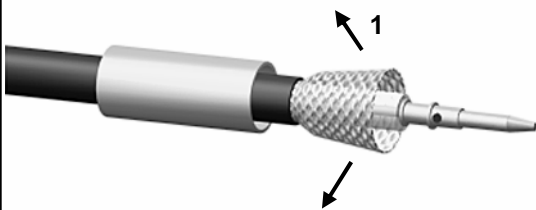
5

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



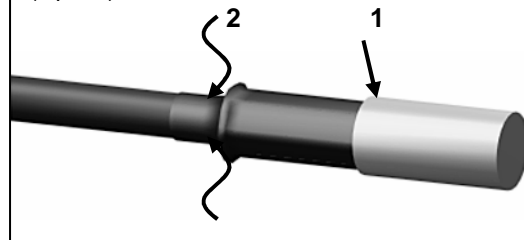
3

Fan the braid.



6

Cut the excess of braid if necessary.
 Slide the sleeve over the ferrule and heatshrink it in place (Option).



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