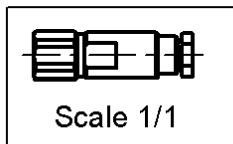
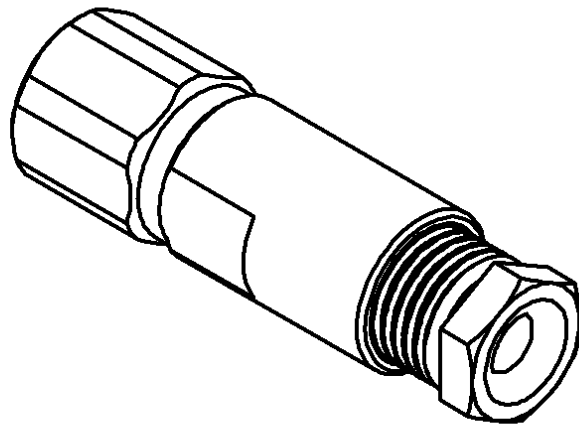
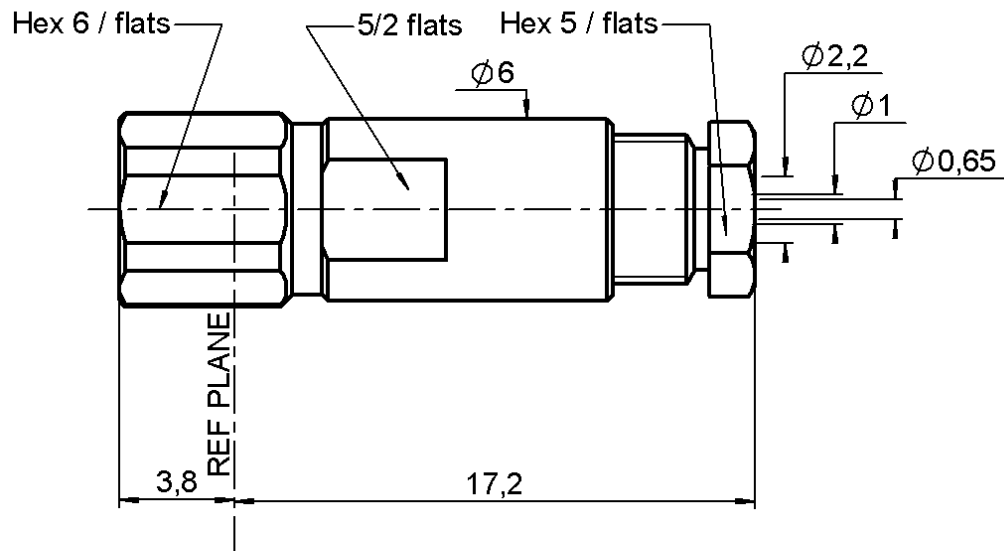


STRAIGHT PLUG CLAMP TYPE

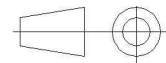
CABLE 2/50 S

R112.003.000

Series : SMC



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	BRASS	GOLD 0.2 OVER NICKEL 2
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL 2
OUTER CONTACT	-	-
INSULATOR	PTFE	-
GASKET	CHLOROPRENE	-
OTHERS PARTS	BRASS	GOLD 0.2 OVER NICKEL 2
-	-	-
-	-	-

Issue : 0423 B

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STRAIGHT PLUG CLAMP TYPE**CABLE 2/50 S****R112.003.000**

Series : SMC

PACKAGING

Standard	Unit	Other
1	-	Contact us

ELECTRICAL CHARACTERISTICS

Impedance		50 Ω
Frequency		0-10 GHz
VSWR	1.25 +	0.040 x F(GHz) Maxi
Insertion loss		0.125 $\sqrt{F}$ (GHz) dB Maxi
RF leakage	- (	62 - F(GHz)) dB Maxi
Voltage rating		250 Veff Maxi
Dielectric withstanding voltage		750 Veff mini
Insulation resistance		1000 M Ω mini

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating end	10	N mini
Axial force – Opposite end	10	N mini
Torque	NA	N.cm mini

Recommended torque		
Mating	30	N.cm
Panel nut	NA	N.cm
Clamp nut	70	N.cm
A/F clamp nut	5.000	mm

Mating life	500	Cycles mini
Weight	2.600	g

ENVIRONMENTAL

Operating temperature	-55°/+100	° C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

SPECIFICATION**00 A 8722 038077215-8722 038****CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	2.50	1.20	4.50	4.50	0.00	0.00

Assembly instruction :

Recommended cable(s)

RG 178

RG 196

RG 178 LC

KX 21

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	58	N mini
- torque	NA	N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.

OTHERS CHARACTERISTICS

-

Issue : 0423 B

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

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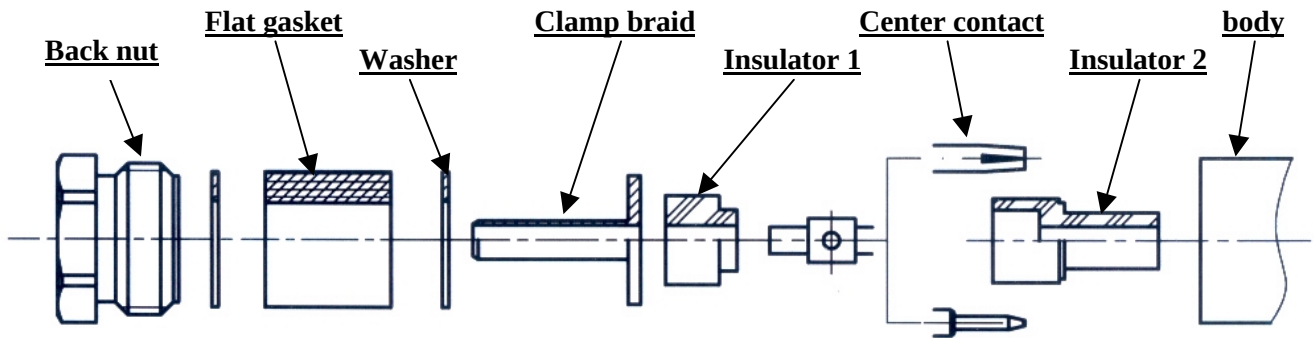
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STRAIGHT PLUG CLAMP TYPE

CABLE 2/50 S

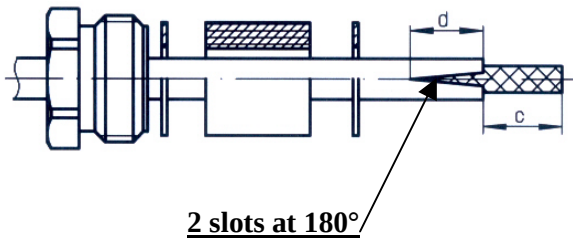
R112.003.000

Series : SMC



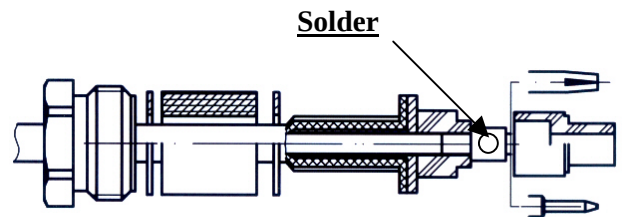
1

Slide the back nut, the first washer, the flat gasket, the second washer onto the cable.
Strip the cable.
Cut 2 slots in the jacket if necessary.



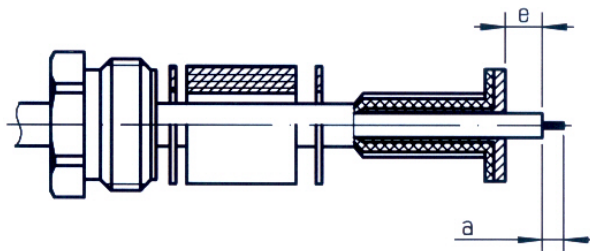
3

Slide the first insulator.
Slide the center contact and solder.
Slide the second insulator.



2

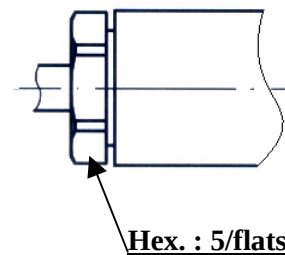
Slide the clamp braid sleeve.
Cut the braid flush with the clamp braid sleeve.
Strip off the diélectric.



4

Screw sub-assembly into the connector body with the adapted wrench.

Recommended coupling torque (see connector TDS).



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