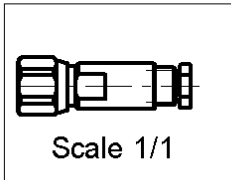
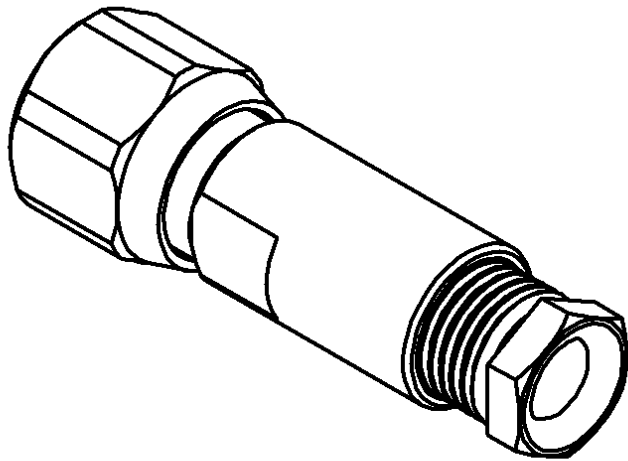
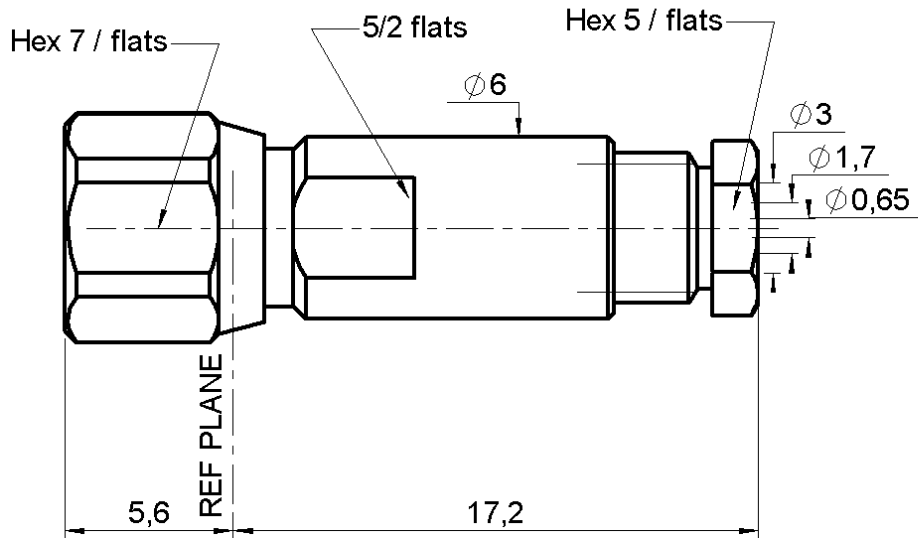


**SEALED STRAIGHT PLUG CLAMP TYPE**

**R112.025.000**

**CABLE 2.6/50+75 S**

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 : 0039 U

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



**SEALED STRAIGHT PLUG CLAMP TYPE**

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**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>0-10</b> GHz
VSWR	<b>1.80 +</b>	<b>0.000</b> x F(GHz) Maxi
Insertion loss		<b>0.125</b> √F(GHz) dB Maxi
RF leakage	- (	<b>62</b> - F(GHz)) dB mini
Voltage rating		<b>250</b> Veff Maxi
Dielectric withstanding voltage		<b>750</b> Veff mini
Insulation resistance		<b>1000</b> MΩ mini

**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)

KX 22A  
RG 316  
RG 179  
RG 188  
RG 187

**MECHANICAL CHARACTERISTICS**

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

Cable retention

- pull off **110** N mini  
- torque **NA** N.cm

**TOOLING**

Part Number	Description	Hexagon
.	.	.

Recommended torque

Mating		<b>30</b> N.cm
Panel nut		<b>NA</b> N.cm
Clamp nut		<b>40</b> N.cm
A/F clamp nut		<b>5.000</b> mm

**OTHERS CHARACTERISTICS**

Immergeable

**ENVIRONMENTAL**

Operating temperature		<b>-65/+165</b> °C
Hermetic seal		<b>NA</b> Atm.cm3/s
Panel leakage		<b>0.35</b>

Issue : 0039 U

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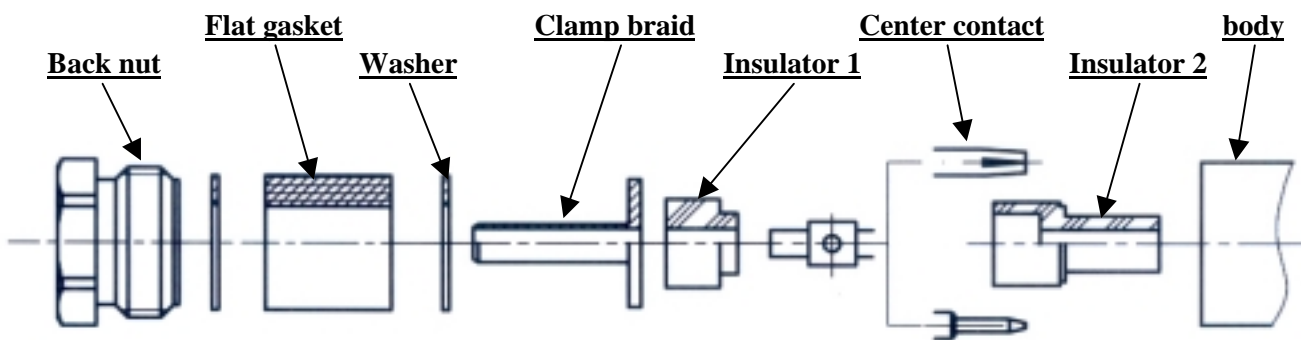


**SEALED STRAIGHT PLUG CLAMP TYPE**

**R112.025.000**

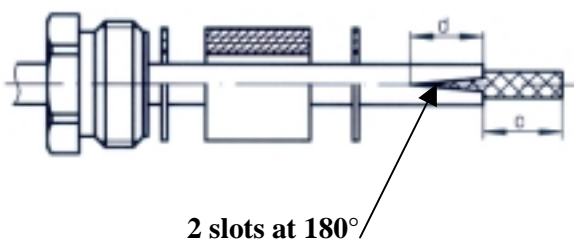
**CABLE 2.6/50+75 S**

Series : SMC



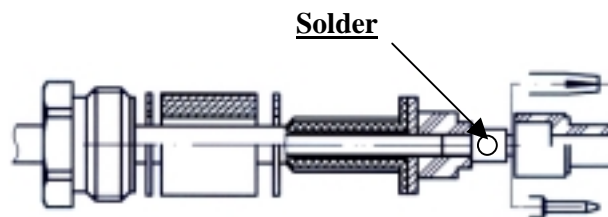
**1**

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.



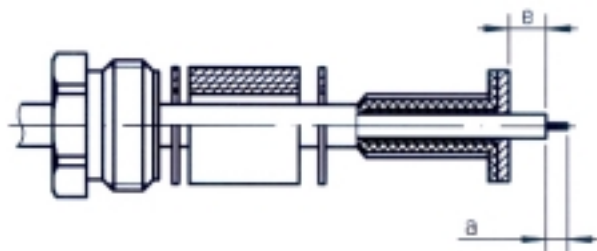
**3**

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



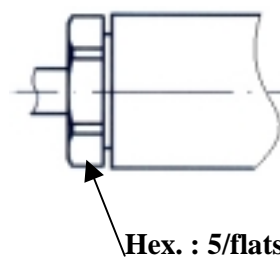
**2**

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



**4**

Screw sub-assembly into the connector body with the adapted wrench.  
Recommended coupling torque ( see connector TDS ).



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