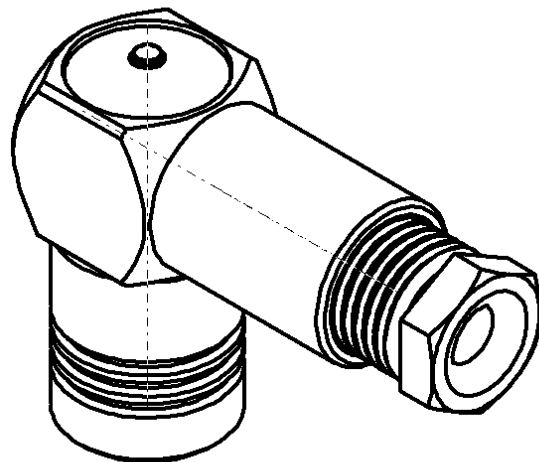
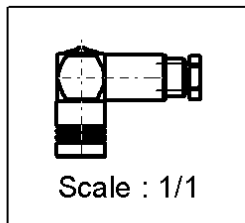
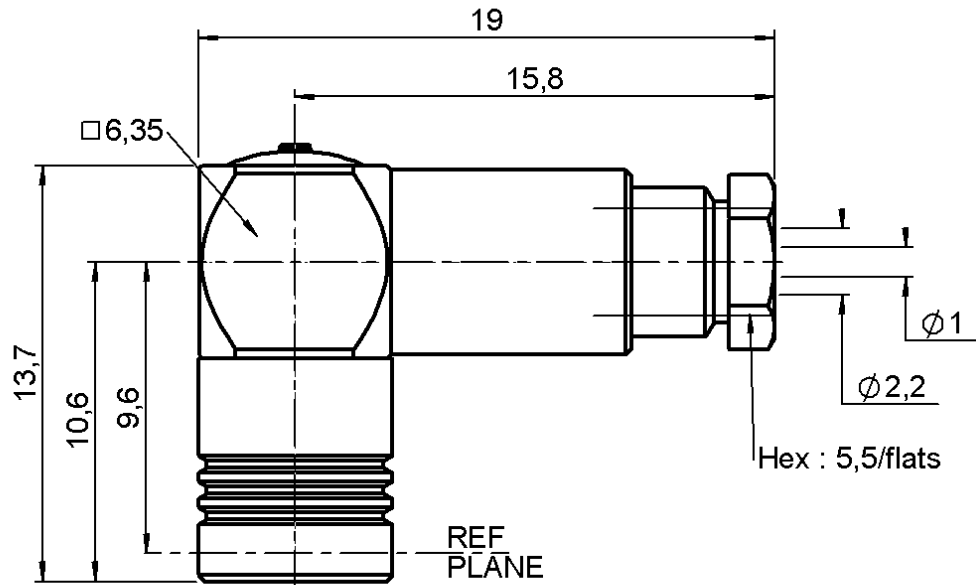


RIGHT ANGLE PLUG CLAMP TYPE

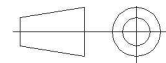
CABLE 2/50 S

R114.163.000

Series : SMB



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	BERYLLIUM COPPER	GOLD 0.5 OVER NICKEL 2
INSULATOR	PTFE	
GASKET	CHLOROPRENE	
OTHERS PARTS	BRASS	GOLD 0.2 OVER NICKEL 2
-	-	-
-	-	-

Issue : 0422 P

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


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RIGHT ANGLE PLUG CLAMP TYPE

CABLE 2/50 S

R114.163.000

Series : SMB

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-4	GHz
VSWR	1.45 + 0.040	x F(GHz) Maxi
Insertion loss	0.50	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	- (57	- F(GHz)) dB mini
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	NA N.cm
Panel nut	NA N.cm
Clamp nut	40 N.cm
A/F clamp nut	5.000 mm

Mating life	500 Cycles mini
Weight	4.800 g

ENVIRONMENTAL

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

SPECIFICATION**00 A 4051 113 -450 357****CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	1.50	0.00	4.00	5.00	2.00	0.00

Assembly instruction :

Recommended cable(s)

RG 178
KX 21
RG 196
RG 178 LC

Cable retention

- pull off	58 N mini
- torque	NA N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.

OTHERS CHARACTERISTICS

-

Issue : 0422 P

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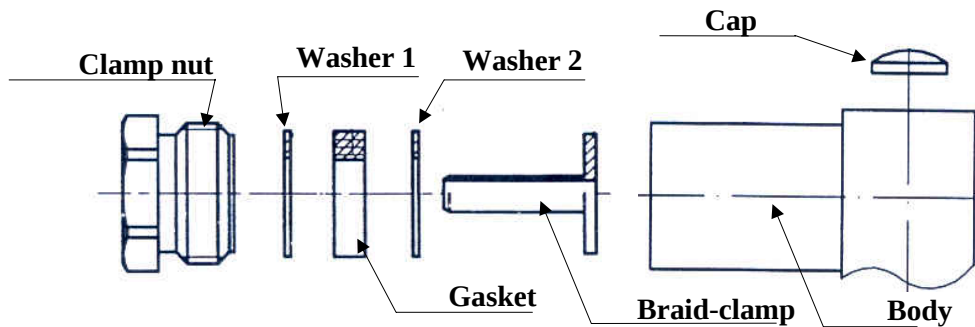
RIGHT ANGLE PLUG CLAMP TYPE

CABLE 2/50 S

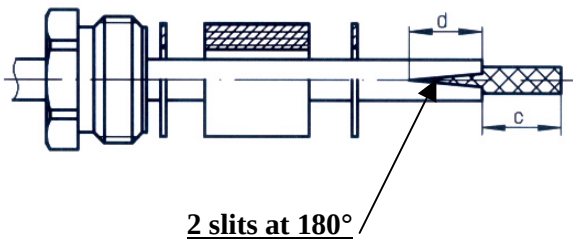
R114.163.000

Series : SMB

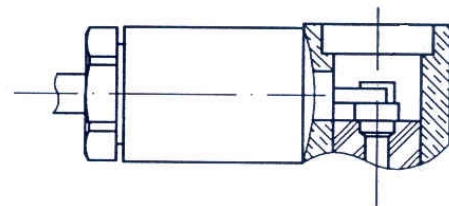
COMPONENTS


1

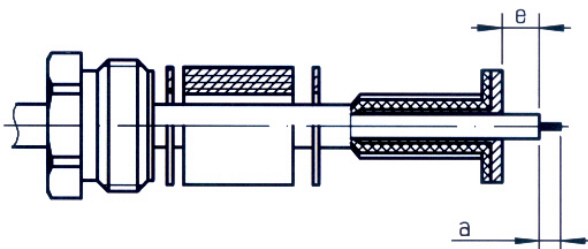
Slide the back nut, the washer 1, the gasket, the washer 2 onto the cable.
Strip the cable.
Cut 2 slits in the jacket if necessary.


3

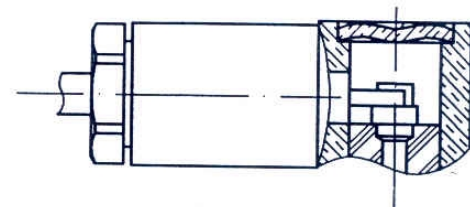
Screw sub-assembly into the connector body with the adapted wrench.
Recommended coupling torque (see connector TDS).
Solder the inner conductor.


2

Mount the braid-clamp
Trim braid to Ø of braid-clamp
Strip off the dielectric


4

Place the cap into the body.
Press on the cap flush or slightly below the surface of the body assembly.



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