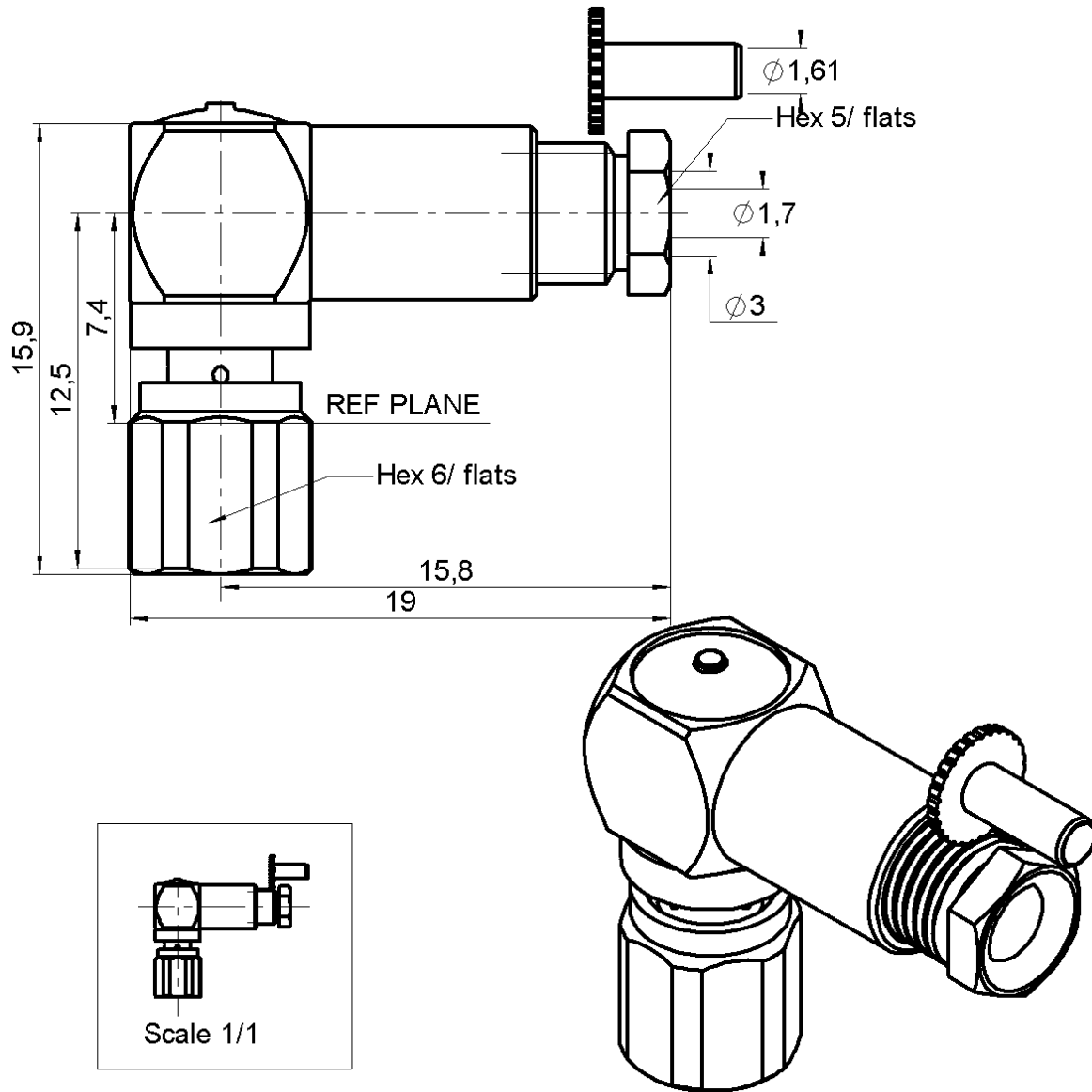


RIGHT ANGLE PLUG CLAMP TYPE

R112.165.000

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	HOUSING FOR RIGHT ANGLE PLUG	HOUSING FOR RIGHT ANGLE PLUG
INSULATOR	PTFE	
GASKET	CHLOROPRENE	
OTHERS PARTS	BRASS	GOLD 0.2 OVER NICKEL 2
.	.	.
.	.	.

Issue : 0039 L

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



RIGHT ANGLE PLUG CLAMP TYPE

R112.165.000

CABLE 2.6/50+75 S

Series : SMC

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

SPECIFICATION

ELECTRICAL CHARACTERISTICS

Impedance		50 Ω
Frequency		0-10 GHz
VSWR	1.30 +	0.040 x F(GHz) Maxi
Insertion loss		0.25 √F(GHz) dB Maxi
RF leakage	- (62 - F(GHz)) dB mini
Voltage rating		335 Veff Maxi
Dielectric withstanding voltage		1000 Veff mini
Insulation resistance		1000 MΩ mini

CABLE ASSEMBLY

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

Assembly instruction :

Recommended cable(s)

RG 179

RG 187

RG 188

KX 22A

RG 316

MECHANICAL CHARACTERISTICS

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

Cable retention

- pull off

110 N mini

- torque

NA N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.

Recommended torque

Mating		30 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 **4.300** g

OTHERS CHARACTERISTICS

ENVIRONMENTAL

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

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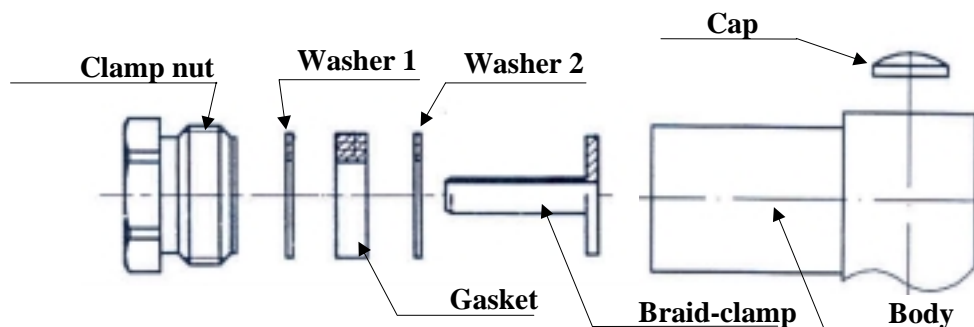
RIGHT ANGLE PLUG CLAMP TYPE

R112.165.000

CABLE 2.6/50+75 S

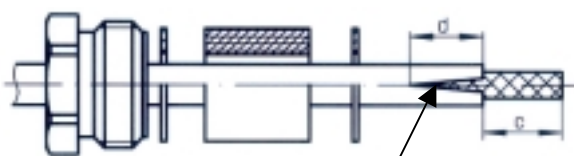
Series : SMC

COMPONENTS



1

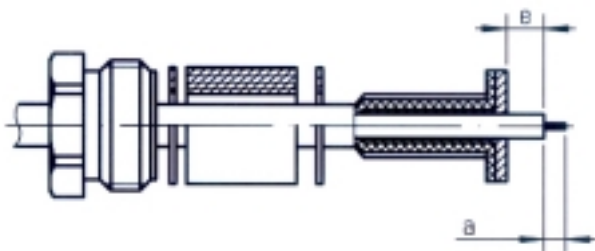
Slide the back nut, the first washer, the flat gasket, the second washer onto the cable.
Strip the cable.
Cut 2 slots in the jacket if necessary.



2 slots at 180°

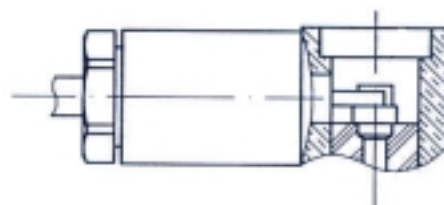
2

Slide the clamp braid sleeve.
Cut the braid flush with the clamp braid sleeve.
Strip off the dielectric.
(for cable 2.6/50 use knurled clamp, for cable 2.6/75 use smooth clamp.)



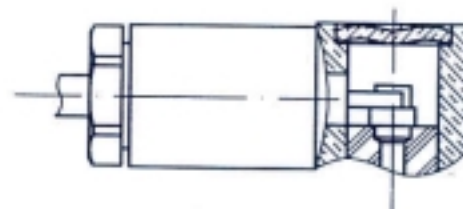
3

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



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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