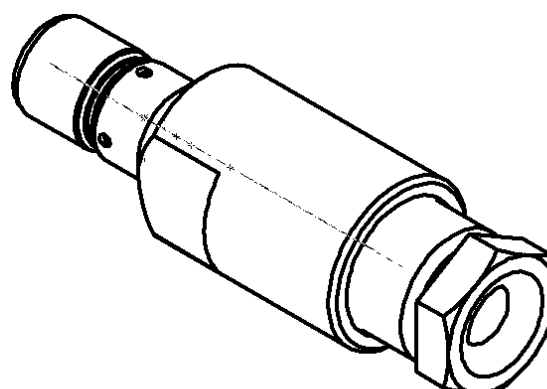
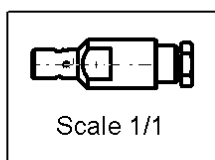
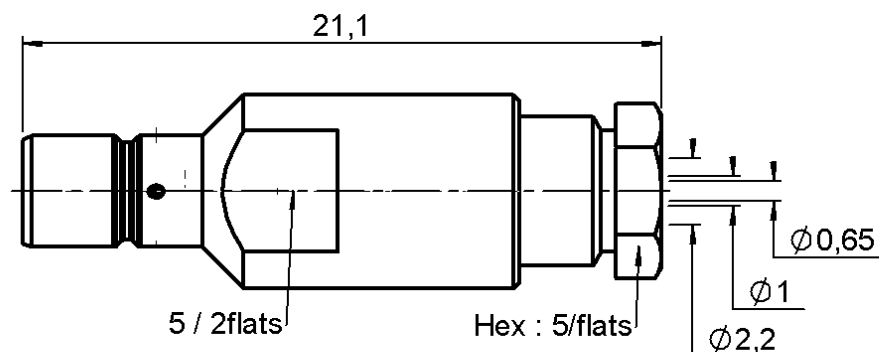


STRAIGHT JACK CLAMP TYPE

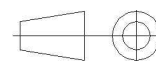
CABLE 2/50 S

R114.203.000

Series : SMB



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (μm)
BODY	BRASS	GOLD 0.2 OVER NICKEL 2
CENTER CONTACT	BRASS	GOLD 1.3 OVER NICKEL 2
OUTER CONTACT	-	GOLD 0.5 OVER NICKEL 2
INSULATOR	PTFE	
GASKET	CHLOROPRENE	
OTHERS PARTS	BRASS	GOLD 0.2 OVER NICKEL 2
-	-	-
-	-	-

Issue : 0422 T

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

**RADIALL**

®

STRAIGHT JACK CLAMP TYPE

CABLE 2/50 S

R114.203.000

Series : SMB

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

Impedance		50 Ω
Frequency		0-4 GHz
VSWR	1.30 +	0.040 x F(GHz) Maxi
Insertion loss		0.25 √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 MΩ 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	0.000	g

ENVIRONMENTAL

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

SPECIFICATION**CABLE ASSEMBLY**

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

Assembly instruction :

Recommended cable(s)

RG 178
RG 196
RG 178 LC
KX 21

Cable retention

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

TOOLING

Part Number	Description	Hexagon
.	.	.

OTHERS CHARACTERISTICS

-

Issue : 0422 T

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

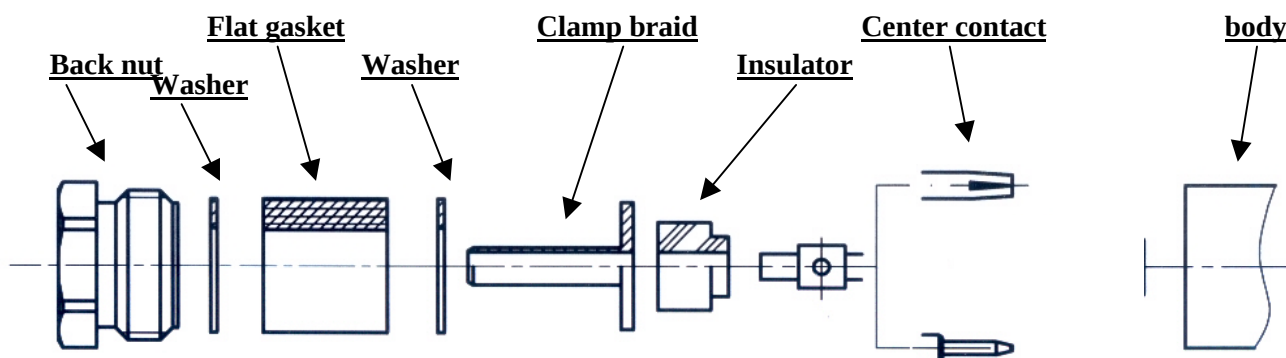
**RADIALL** ®

STRAIGHT JACK CLAMP TYPE

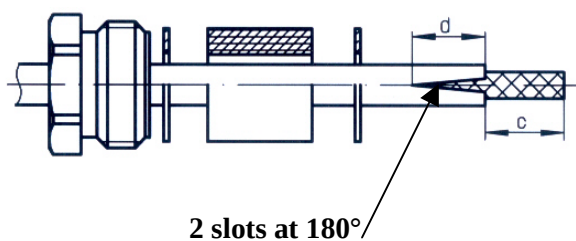
CABLE 2/50 S

R114.203.000

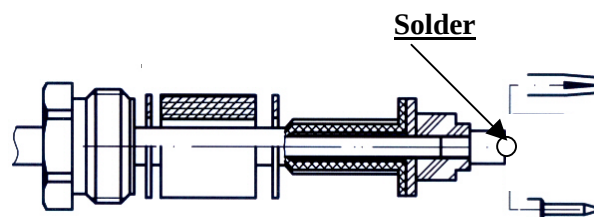
Series : SMB


1

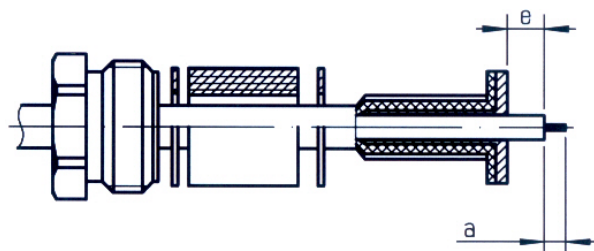
Slide the back nut, the washer 1, the flat gasket, the washer 2 onto the cable.
Strip the cable.
Cut 2 slots in the jacket if necessary.


3

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

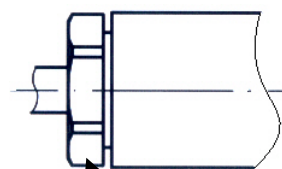

2

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).



Hex. : see connector TDS

Issue : 0422 T

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


RADIALL

®

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Radial:

R114203000