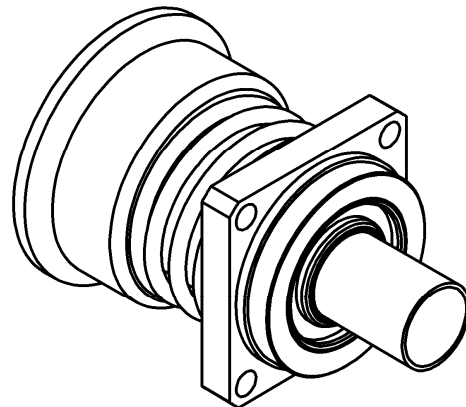
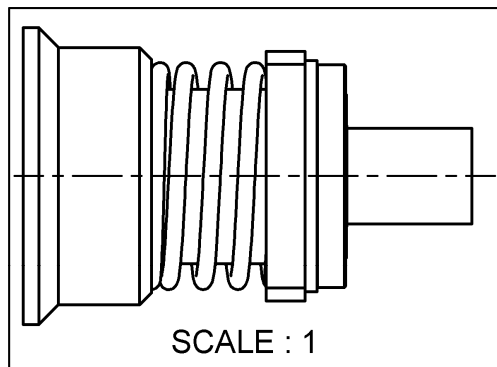
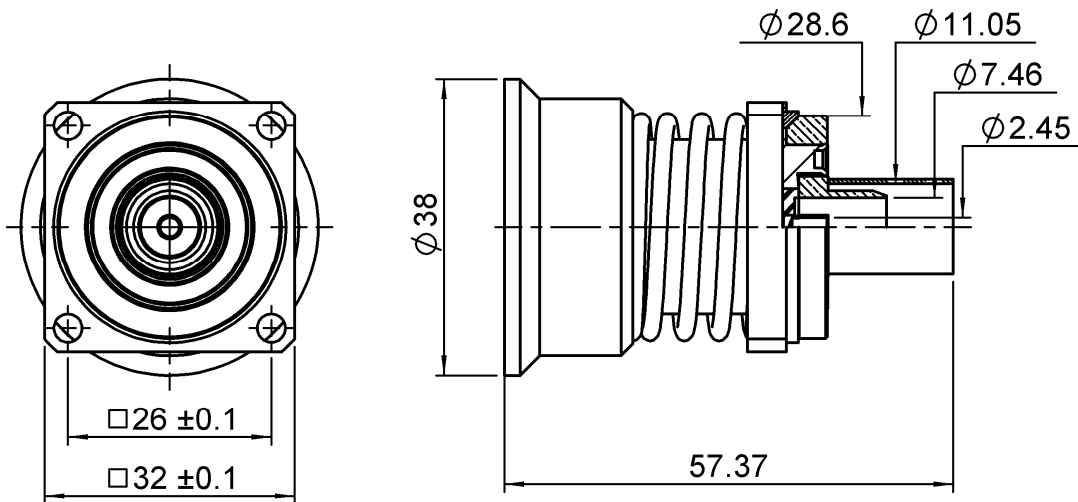
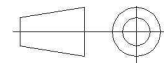


STRAIGHT 4HOLES FLANGE FLOATING PLUG
CABLE 10/50S
R185.900.100

Series : 7-16



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
BODY	BRASS	BBR 0.5 OVER SILVER 3
CENTER CONTACT	BRASS	SILVER 5 OVER COPPER 0.5
OUTER CONTACT	BRASS	SILVER 5 OVER COPPER 0.5
INSULATOR	PTFE	
GASKET	SILICONE RUBBER	
OTHERS PARTS	BRASS	BBR 2
-	-	-
-	-	-

Issue : 1017 A

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

RADIAL

STRAIGHT 4HOLES FLANGE FLOATING PLUG**R185.900.100****CABLE 10/50S**

Series : 7-16

PACKAGING

Standard	Unit	Other
20	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-7.5	GHz
VSWR	1.1* + 0,0000	x F(GHz) Maxi
Insertion loss	0.05*	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	- (95	- F(GHz)) dB Maxi
Voltage rating	1400	Veff Maxi
Dielectric withstanding voltage	4000	Veff mini
Insulation resistance	10000	M Ω mini

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating end	200	N mini
Axial force – Opposite end	200	N mini
Torque	NA	N.cm mini

Recommended torque		
Mating	NA	N.cm
Panel nut	NA	N.cm
Clamp nut	NA	N.cm
A/F clamp nut	0,0000	mm

Mating life	500	Cycles mini
Weight	141,0000	g

ENVIRONMENTAL

Operating temperature	-55/+155	° C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

SPECIFICATION**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	4,00	7,30	11,3	0,00	0,00	0,00

Assembly instruction : **Crimp 01**

Recommended cable(s)

RG 213

KX 4

RG 165

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	250	N mini
- torque	NA	N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.
R282.231.000	CRIMPING TOOL	10.54
R282.235.116	CRIMPING DIES	10.54
R282.293.000	CRIMPING TOOL M22520/5-01	

OTHER CHARACTERISTICS

* F : 0~3GHz

Pre-force:Max.30N

After 2mm compression,the force Max.42N

PIM3:-90dBm/20W @1880MHz

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STRAIGHT 4HOLES FLANGE FLOATING PLUG

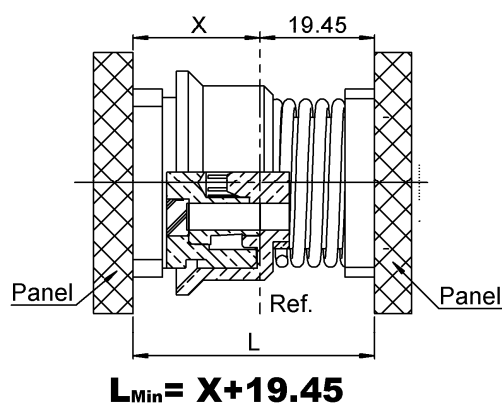
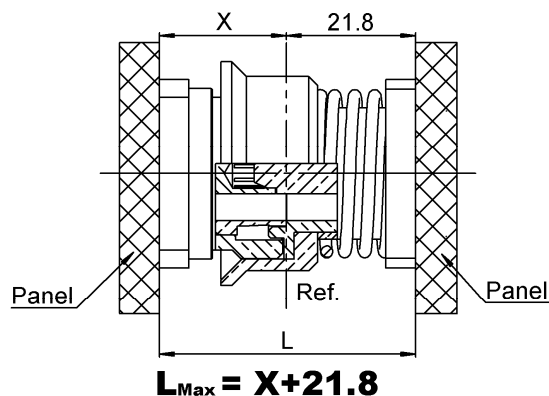
R185.900.100

CABLE 10/50S

Series : 7-16

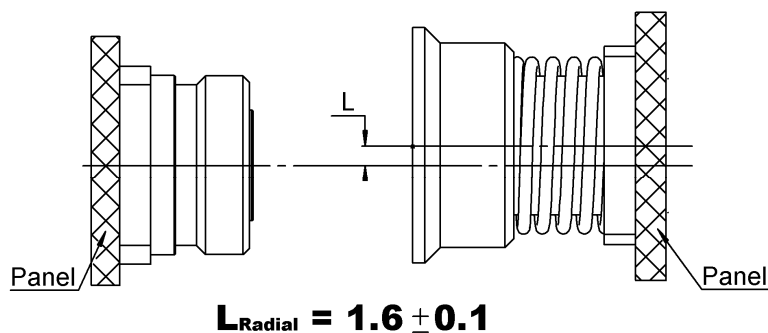
Recommended Working Range

1. Axial



$$X + 19.45 \leq L_{Axial} \leq X + 21.8$$

2. Radial

**Issue : 1017 A**

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RADIAL 

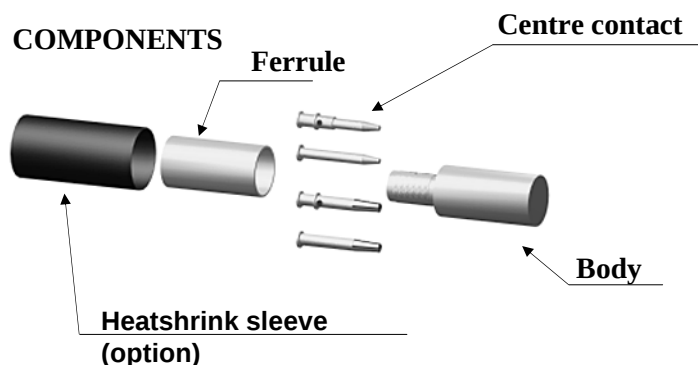
STRAIGHT 4HOLES FLANGE FLOATING PLUG

R185.900.100

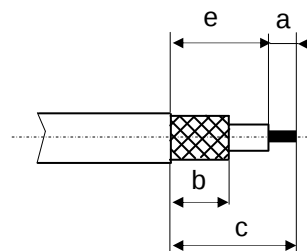
Crimp 01

Series : 7-16

COMPONENTS

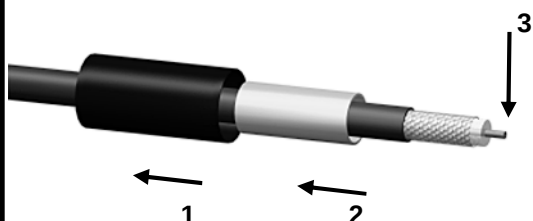


STRIPPING DIMENSIONS



1

Slide the heatshrink sleeve onto the cable (Option).
Slide the ferrule onto the cable.
Strip the cable.



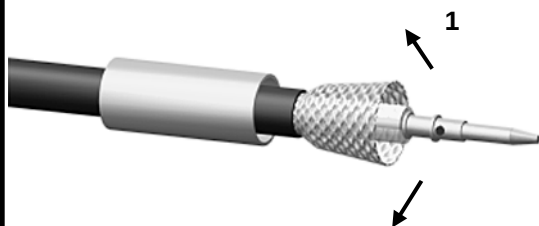
2

Slide the centre contact on until it bottoms against the cable dielectric.
Solder the centre contact.
Clean solder area.



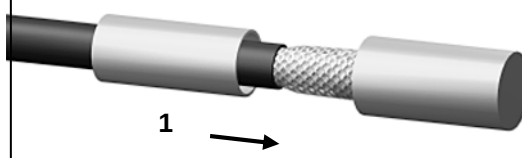
3

Fan the braid.



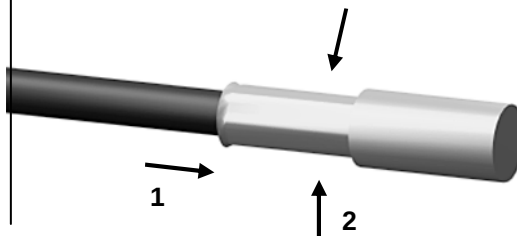
4

Slide the cable into the body until it bottoms against the insulator.



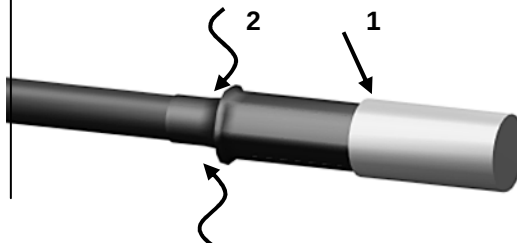
5

Slide the ferrule over the braid.
Crimp the ferrule with crimping tool (see connector TDS).



6

Cut the excess of braid if necessary.
Slide the sleeve over the ferrule and heatshrink it in place (Option).



Issue : 1017 A

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RADIAL R