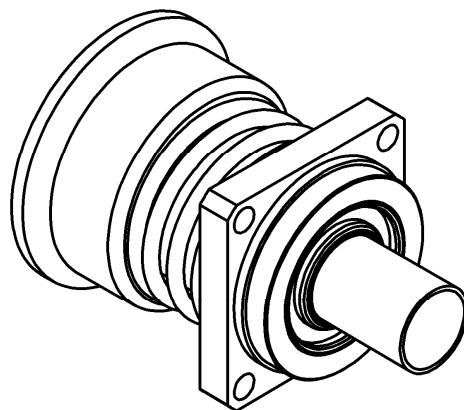
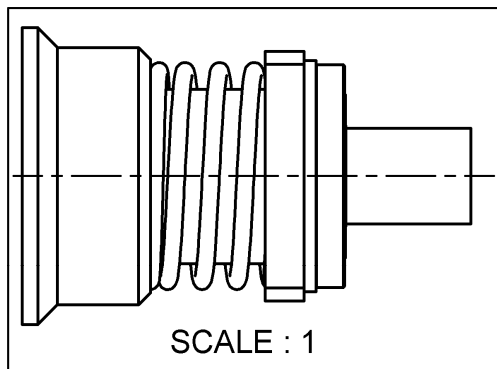
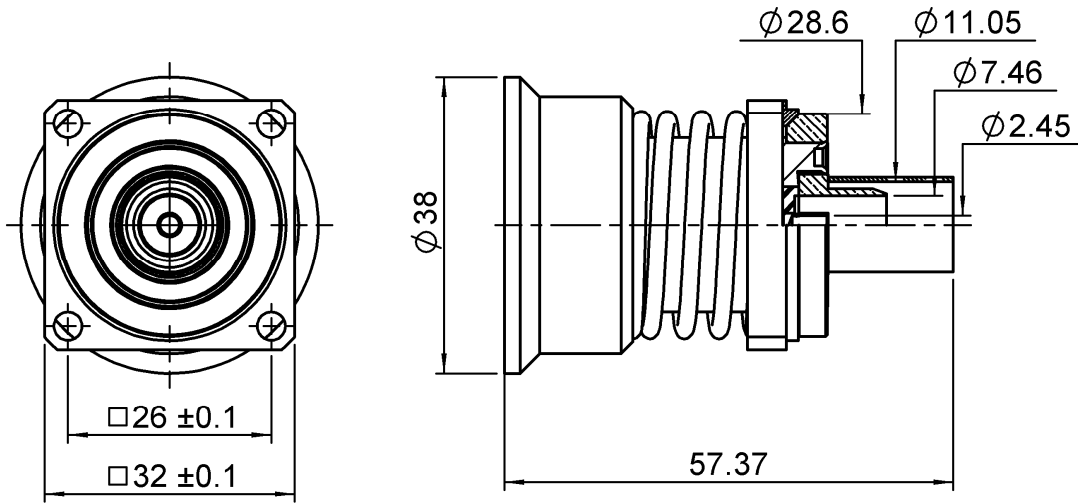


STRAIGHT 4HOLES FLANGE FLOATING PLUG

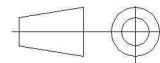
R185.900.100

CABLE 10/50S

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.



STRAIGHT 4HOLES FLANGE FLOATING PLUG

R185.900.100

CABLE 10/50S

Series : 7-16

PACKAGING

Standard	Unit	Other
20	'W' option	Contact us

SPECIFICATION

ELECTRICAL CHARACTERISTICS

Impedance		50 Ω
Frequency		0-7.5 GHz
VSWR	1.1* +	0,0000 x F(GHz) Maxi
Insertion loss		0.05* √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 MΩ mini

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

MECHANICAL CHARACTERISTICS

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

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	

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

OTHER CHARACTERISTICS

* F : 0~3GHz
 Pre-force:Max.30N
 After 2mm compression,the force Max.42N
 PIM3:-90dBm/20W @1880MHz

ENVIRONMENTAL

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

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STRAIGHT 4HOLES FLANGE FLOATING PLUG

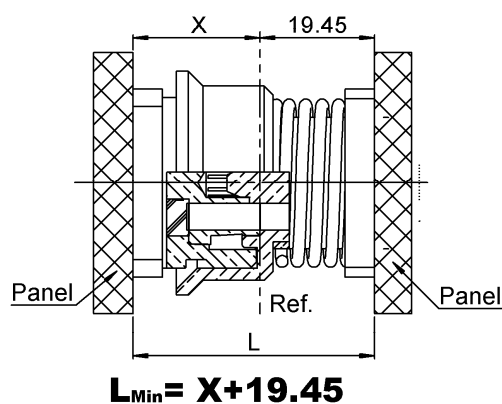
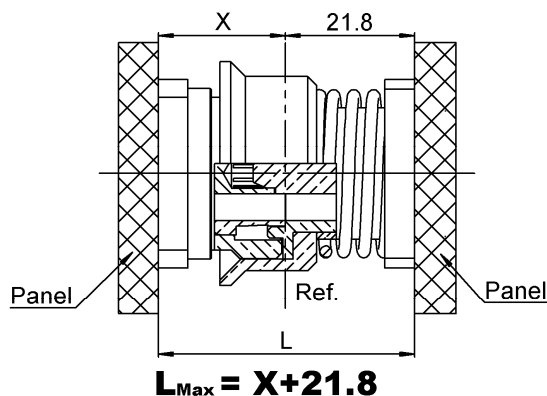
R185.900.100

CABLE 10/50S

Series : 7-16

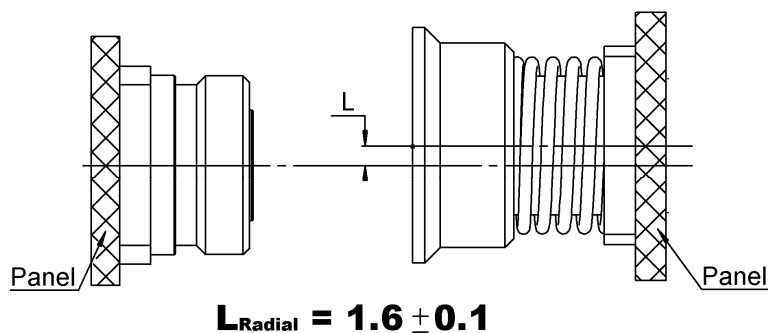
Recommended Working Range

1. Axial



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

2. Radial



Issue : 1017 A

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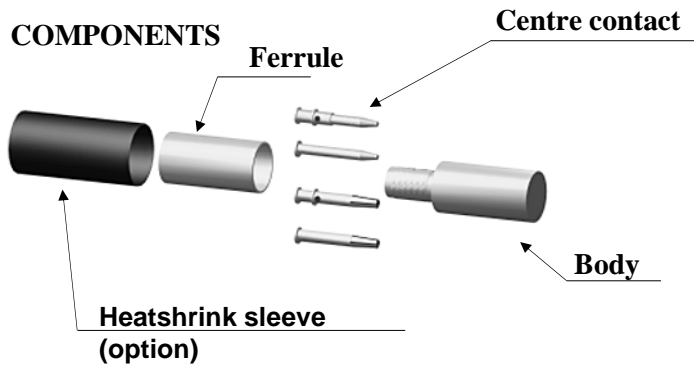
STRAIGHT 4HOLES FLANGE FLOATING PLUG

R185.900.100

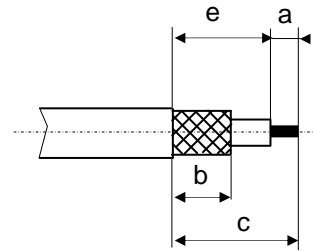
Crimp 01

Series : 7-16

COMPONENTS

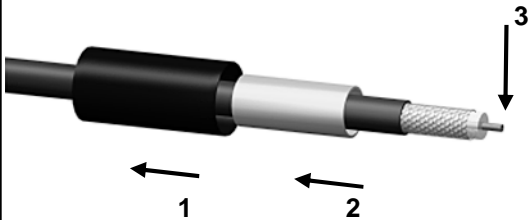


STRIPPING DIMENSIONS



1

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



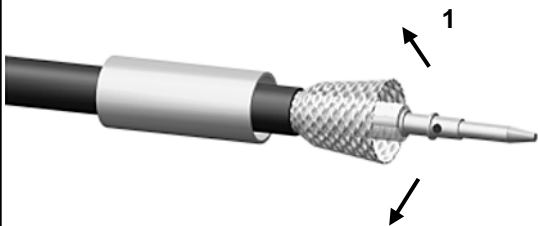
2

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



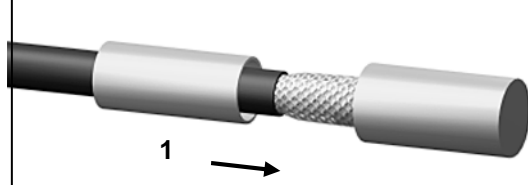
3

Fan the braid.



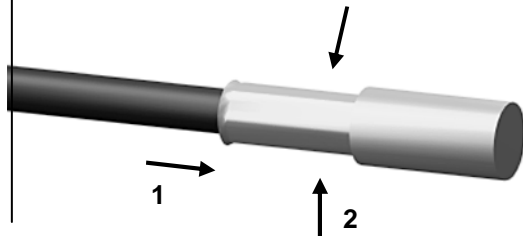
4

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



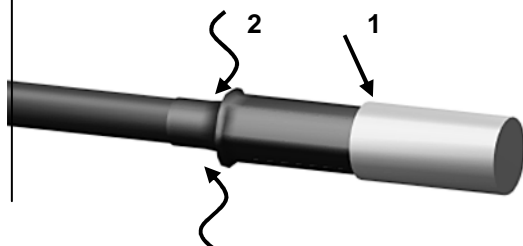
5

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).



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