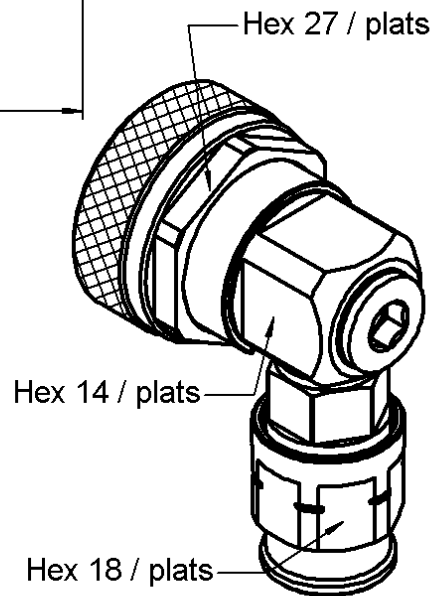
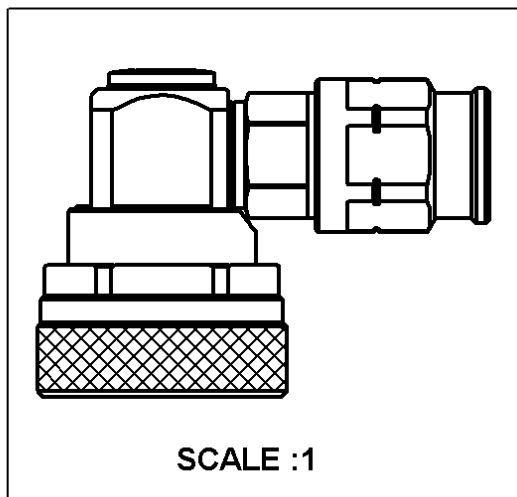
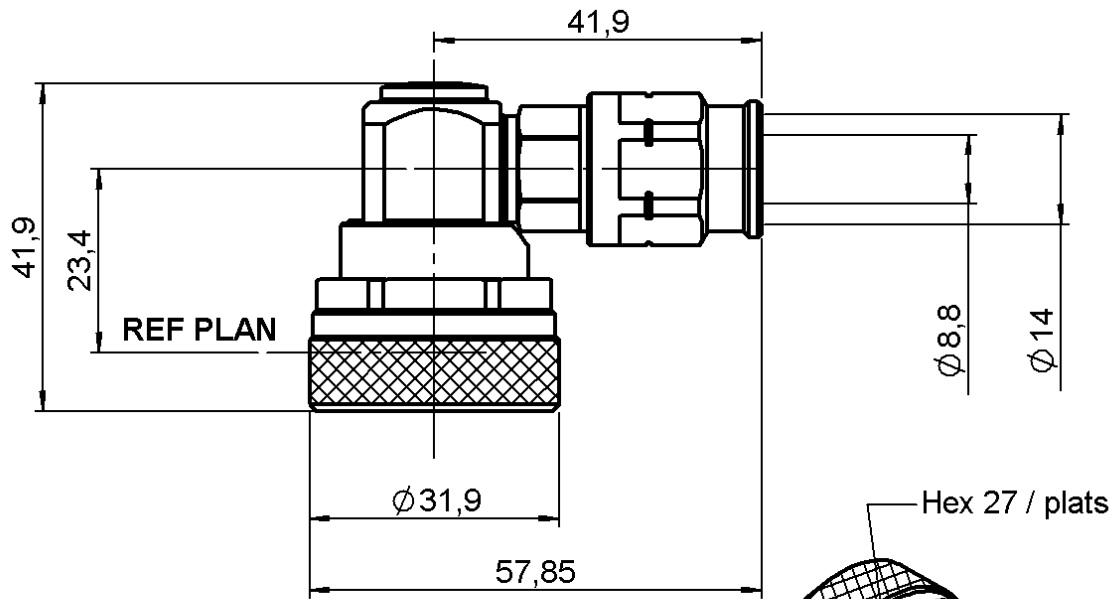


RIGHT ANGLE PLUG CLAMP TYPE

R185.165.200

CABLE 1/2" HELICAL

Series : 7-16



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (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 : 0316 C

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



RIGHT ANGLE PLUG CLAMP TYPE

R185.165.200

CABLE 1/2" HELICAL

Series : 7-16

PACKAGING

Standard	Unit	Other
20	'W' option	Contact us

SPECIFICATION

CABLE ASSEMBLY

ELECTRICAL CHARACTERISTICS

Stripping	a	b	c	d	e	f
mm	5.50	5.00	11.5	0.00	0.00	0.00

Impedance		50 Ω
Frequency		0-7.5 GHz
VSWR	* +	0.000 x F(GHz) Maxi
Insertion loss		0.05 √F(GHz) dB Maxi
RF leakage	- (95 - F(GHz)) dB mini
Voltage rating		1400 Veff Maxi
Dielectric withstanding voltage		2700 Veff mini
Insulation resistance		10000 MΩ mini

Assembly instruction :

Recommended cable(s)
HCF1/2"CuH-50oAlCu
FSJ4RN-50B
HCF1/2"Cu2Y50oAlCu

Cable retention

- pull off	350 N mini
- torque	NA N.cm

MECHANICAL CHARACTERISTICS

TOOLING

Center contact retention		
Axial force – Mating end	200 N mini	
Axial force – Opposite end	100 N mini	
Torque	NA N.cm mini	

Part Number	Description	Hexagon
.	.	.
R282.010.050	STRIPPING TOOL	
R282.303.220	TORQUE SPANNER .708 in 84.075 in.lb	

Recommended torque		
Mating	3000 N.cm	
Panel nut	NA N.cm	
Clamp nut	950 N.cm	
A/F clamp nut	18.000 mm	

OTHERS CHARACTERISTICS

* ROS : 1.20 a 3 GHz

Mating life	500 Cycles mini
Weight	140.000 g

ENVIRONMENTAL

Operating temperature	-55/+155 °C
Hermetic seal	NA Atm.cm3/s
Panel leakage	IP 67

Issue : 0316 C

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



RIGHT ANGLE PLUG CLAMP TYPE

R185.165.200

CABLE 1/2" HELICAL

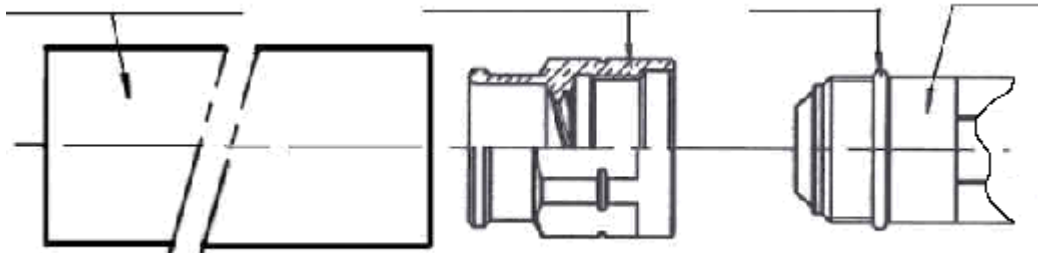
Series : 7-16

HEATSHINK SLEEVE

BRAID CLAMP NUT

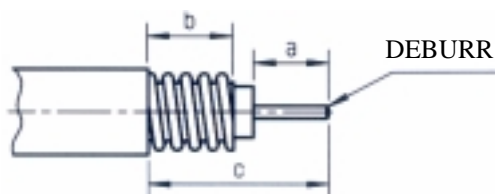
GASKET

BODY



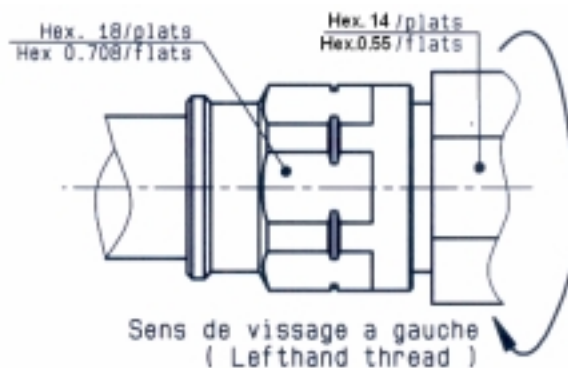
1

- Strip the cable ..
- Do not damage the outer conductor .
- Deburr cable inner conductor ..



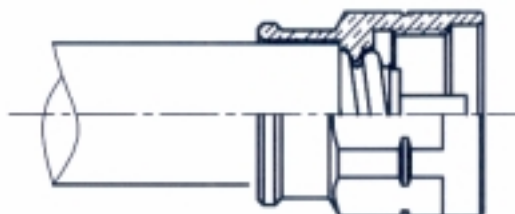
3

- Screw the body onto the cable assembly .
 - Warning : Screw the body on the braid clamp nut turning left (lefthand thread) so that the copper outer conductor is being squeezed
- Recommanded coupling torque : 84.07 in.lb.



2

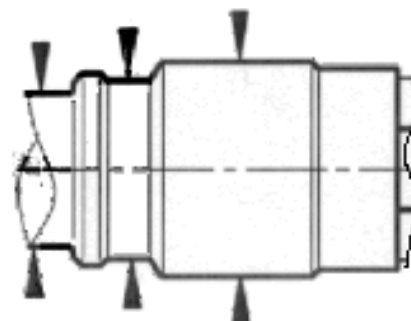
- Slide the heatshrink sleeve onto the cable.
- Screw manually the braid clamp nut onto cable outerconductor until stop .



4

- Shrink the heatshrink sleeve .

Shrink the heatshrink sleeve



Issue : 0316 C

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

