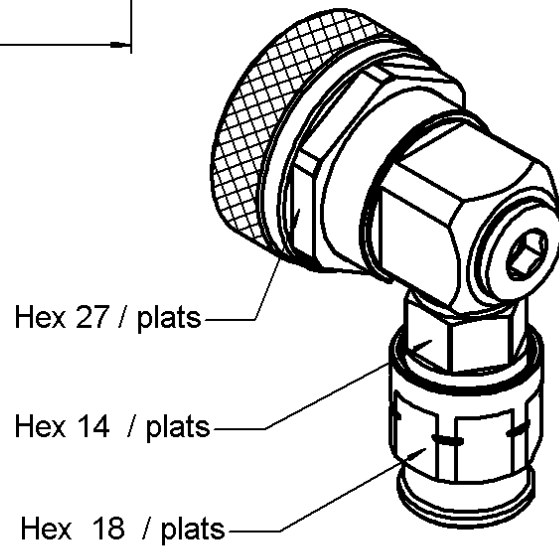
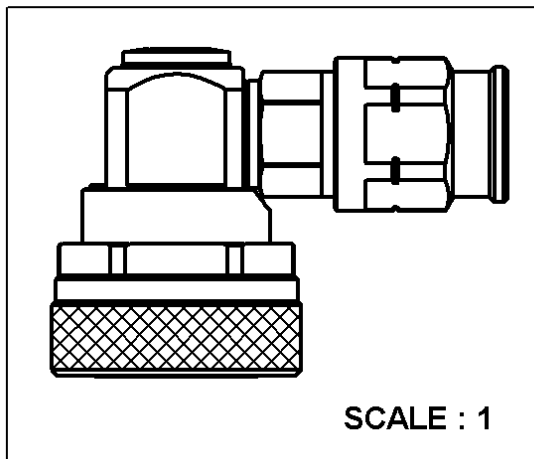
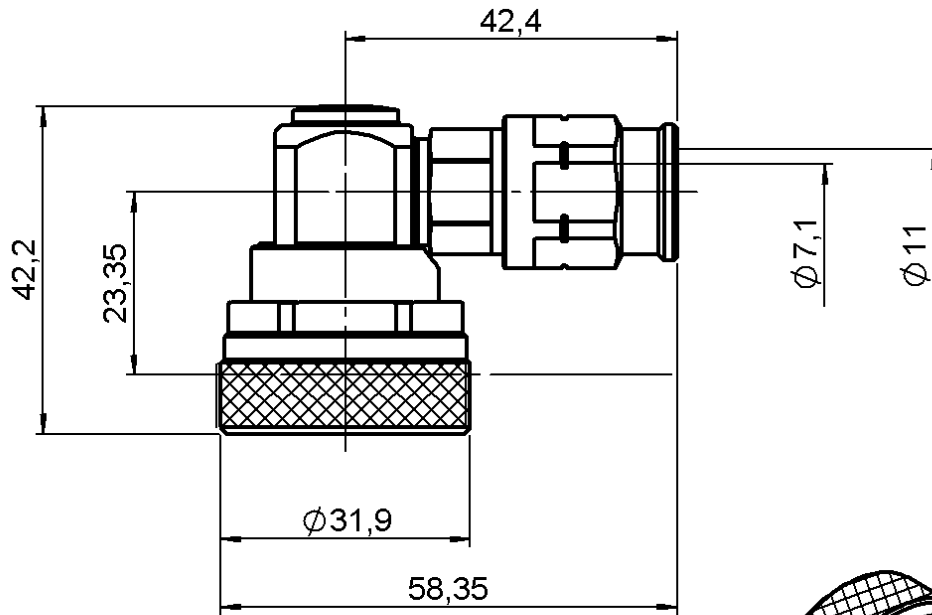


**RIGHT ANGLE PLUG CLAMP TYPE**

**3/8" HELICAL CABLE**

**R185.166.200**

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 : 0043 B

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**RIGHT ANGLE PLUG CLAMP TYPE**

**R185.166.200**

**3/8" HELICAL CABLE**

Series : 7-16

**PACKAGING**

Standard	Unit	Other
<b>20</b>	<b>'W' option</b>	<b>Contact us</b>

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

Assembly instruction :

Recommended cable(s)  
 HCF 3/8" Cu2Y AlCu  
 HCF 3/8" CuH  
 FSJ2-50-3/8" HELIAX

Cable retention

- pull off **250** N mini
- torque **NA** N.cm

**MECHANICAL CHARACTERISTICS**

**TOOLING**

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

Part Number	Description	Hexagon
.	.	.
R282.303.220	TORQUE SPANNER .708 in 84.075 in.lb	
R282.010.040	STRIPPING TOOL	

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

**OTHERS CHARACTERISTICS**

\* ROS : 1.20 a 3 GHz

Mating life		<b>500</b> Cycles mini
Weight		<b>142.600</b> g

**ENVIRONMENTAL**

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

Issue : 0043 B

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**RIGHT ANGLE PLUG CLAMP TYPE**

**3/8" HELICAL CABLE**

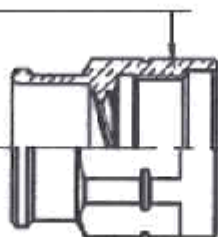
**R185.166.200**

Series : 7-16

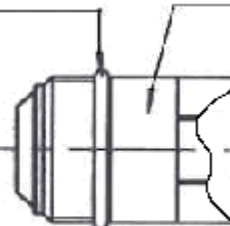
HEATSHINK SLEEVE



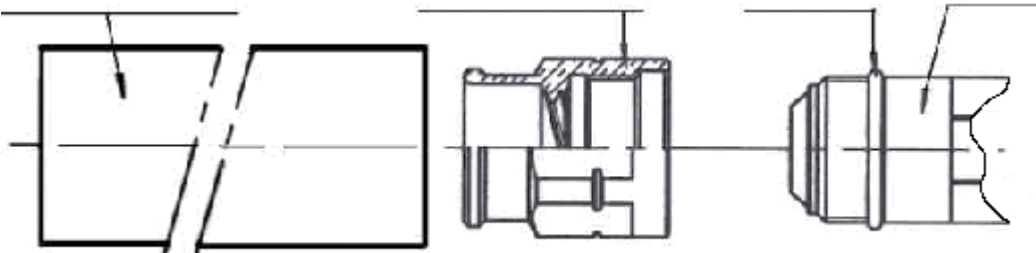
BRAID CLAMP NUT



GASKET

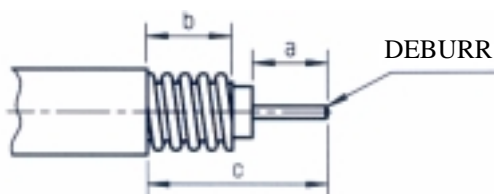


BODY



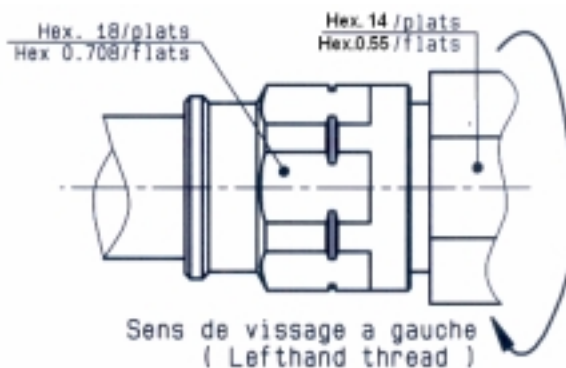
1

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



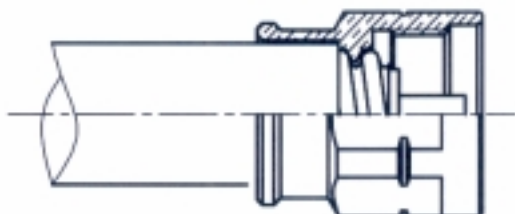
3

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



2

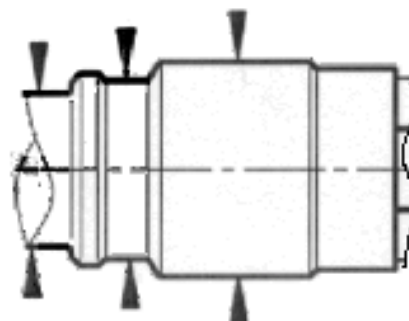
- Slide the heatshrink sleeve onto the cable.
- Screw manually the braided clamp nut onto cable outerconductor until stop .



4

- Shrink the heatshrink sleeve .

Shrink the heatshrink sleeve



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