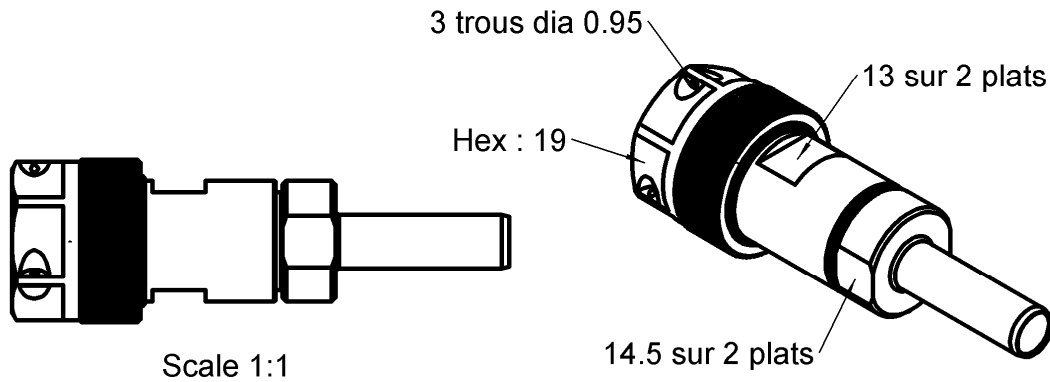
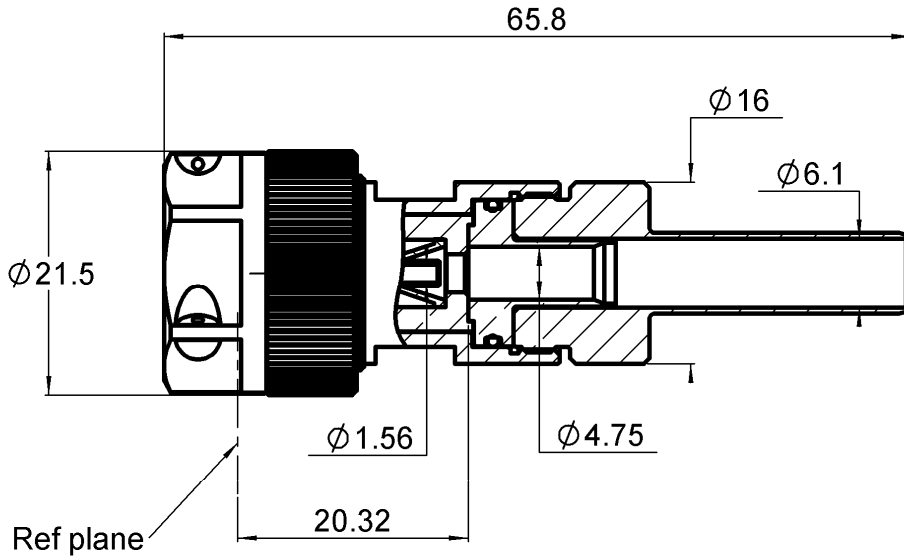


**STRAIGHT PLUG SOLDER TYPE**

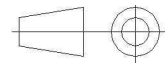
**R163.065.151**

**CABLE SHF 5M**

Series : N-18



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
BODY	-	PASSIVATION
CENTER CONTACT	BRASS	GOLD 1.3 OVER NICKEL 2
OUTER CONTACT	-	-
INSULATOR	PEEK	-
GASKET	FLUORO SILICON RUBBER	-
OTHERS PARTS	BRASS	GOLD 0.5 OVER NICKEL 2
-	-	-
-	-	-

Issue : 0936 A

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



**STRAIGHT PLUG SOLDER TYPE**

**R163.065.151**

**CABLE SHF 5M**

Series : N-18

**PACKAGING**

Standard	Unit	Other
<b>50</b>	<b>'W' option</b>	<b>Contact us</b>

**SPECIFICATION**

**ELECTRICAL CHARACTERISTICS**

Impedance	<b>50</b>	$\Omega$
Frequency	<b>0-18</b>	GHz
VSWR	<b>1.14* + 0,0000</b>	x F(GHz) Maxi
Insertion loss	<b>0.1</b>	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	- ( <b>90</b> )	- F(GHz)) dB Maxi
Voltage rating	<b>350</b>	Veff Maxi
Dielectric withstanding voltage	<b>1500</b>	Veff mini
Insulation resistance	<b>5000</b>	M $\Omega$ mini

**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	9,50	0,00	0,00	0,00	0,00	0,00

Assembly instruction :

Recommended cable(s)  
SHF5M

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 **160** N mini
- torque **NA** N.cm

**MECHANICAL CHARACTERISTICS**

Center contact retention		
Axial force – Mating end	<b>160</b>	N mini
Axial force – Opposite end	<b>160</b>	N mini
Torque	<b>NA</b>	N.cm mini

**TOOLING**

Part Number	Description	Hexagon
.	.	.

Recommended torque		
Mating	<b>400</b>	N.cm
Panel nut	<b>NA</b>	N.cm
Clamp nut	<b>170</b>	N.cm
A/F clamp nut	<b>14,5000</b>	mm

**OTHER CHARACTERISTICS**

\* 1.10 de DC à 12.4 GHz

Mating life	<b>5000</b>	Cycles mini
Weight	<b>59,0100</b>	g

**ENVIRONMENTAL**

Operating temperature	<b>-55/+125</b>	$^{\circ}$ C
Hermetic seal	<b>IP67</b>	Atm.cm3/s
Panel leakage	<b>NA</b>	

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