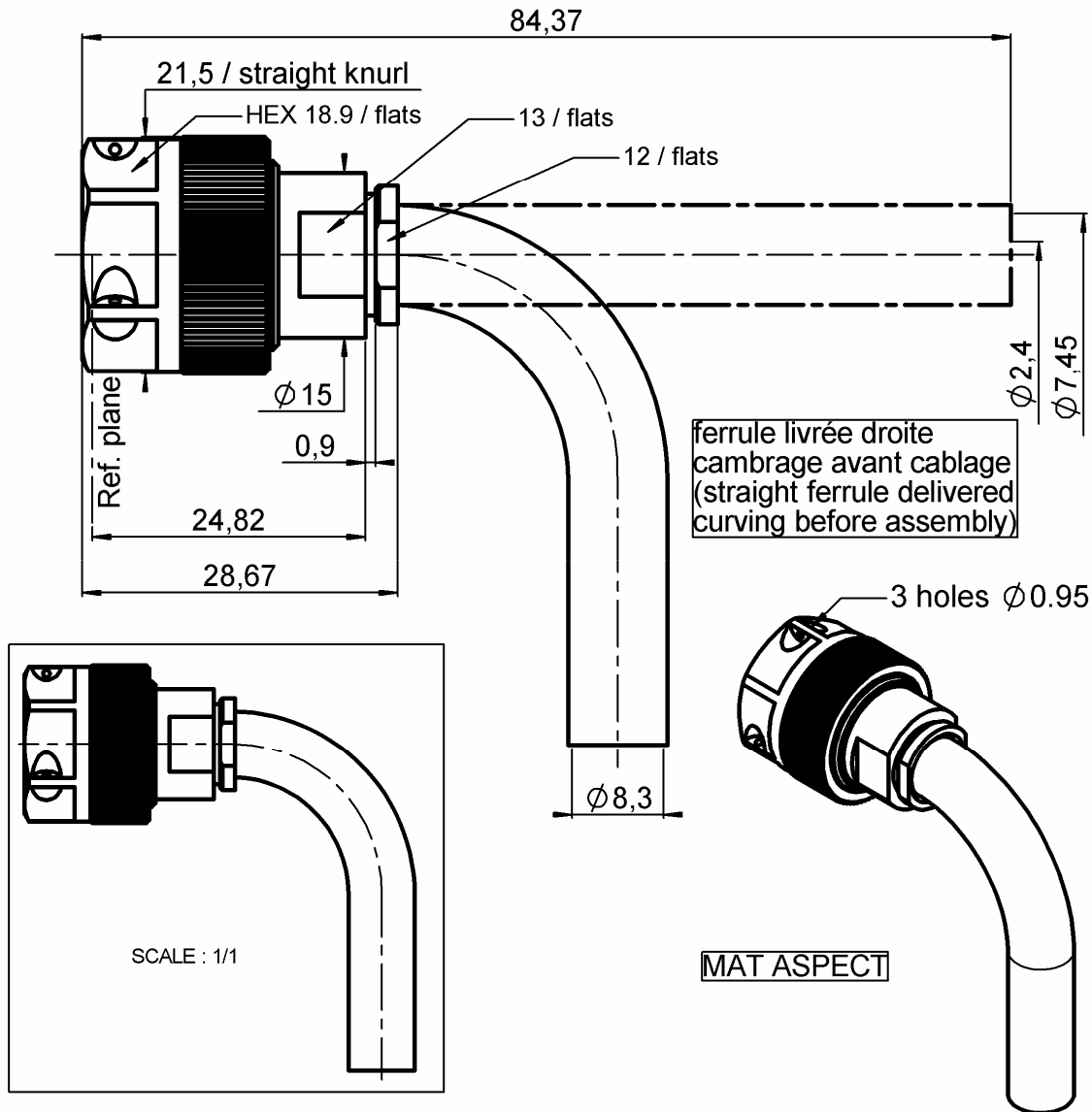


**CURVED PLUG SOLDER TYPE**

**CABLE SHF8M/8LI**

**R163.068.L03**

Series : N-18



All dimensions are in mm.

COMPONENTS	MATERIALS	PLATING (µm)
BODY	STAINLESS STEEL (316L)	PASSIVATED .
CENTER CONTACT	BRASS	GOLD 1.3 OVER NICKEL 2
OUTER CONTACT	-	-
INSULATOR	PTFE	-
GASKET	FLUOROSILICON	-
OTHERS PARTS	ST. STEEL (316L) , BRASS	GOLD , PASSIVATED
-	-	-
-	-	-

Issue : 0610 A

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



**CURVED PLUG SOLDER TYPE**

**CABLE SHF8M/8LI**

**R163.068.L03**

Series : N-18

**PACKAGING**

Standard	Unit	Other
<b>1</b>	-	<b>Contact us</b>

**SPECIFICATION**

**ELECTRICAL CHARACTERISTICS**

Impedance		<b>50</b> Ω
Frequency		<b>0-18</b> GHz
VSWR	<b>1.15 +</b>	<b>0,0000</b> x F(GHz) Maxi
Insertion loss		<b>0.1</b> √F(GHz) dB Maxi
RF leakage	- (	<b>90</b> - F(GHz)) dB Maxi
Voltage rating		<b>500</b> Veff Maxi
Dielectric withstanding voltage		<b>1500</b> Veff mini
Insulation resistance		<b>5000</b> MΩ mini

**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	20,0	2,50	0,00	0,00	0,00	0,00

Assembly instruction :

Recommended cable(s)  
F1703-197  
F1703-160

**MECHANICAL CHARACTERISTICS**

Center contact retention		
Axial force – Mating end	<b>27</b>	N mini
Axial force – Opposite end	<b>27</b>	N mini
Torque	<b>NA</b>	N.cm mini

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	<b>*</b>	N mini
- torque	<b>NA</b>	N.cm

**TOOLING**

Recommended torque		
Mating	<b>400</b>	N.cm
Panel nut	<b>NA</b>	N.cm
Clamp nut	<b>300</b>	N.cm
A/F clamp nut	<b>12,0000</b>	mm

Part Number	Description	Hexagon
.	.	.

**OTHER CHARACTERISTICS**

Mating life	<b>500</b>	Cycles mini
Weight	<b>45,1400</b>	g

See the TDS of the cable assembly

**ENVIRONMENTAL**

Operating temperature	<b>-65/+165</b>	°C
Hermetic seal	<b>NA</b>	Atm.cm3/s
Panel leakage	<b>IP67</b>	

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