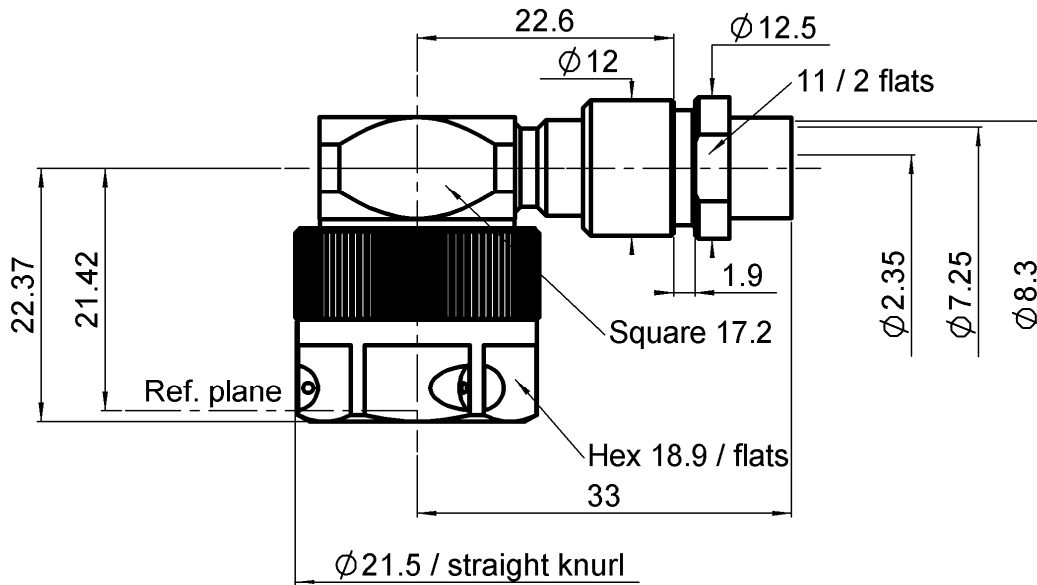


RIGHT ANGLE PLUG SOLDER TYPE

CABLE SHF 8M/8LI

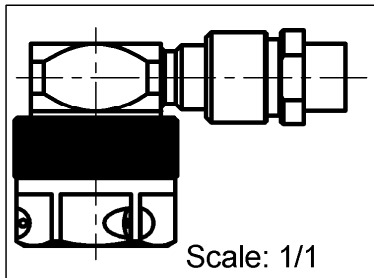
R163.198.L01

Series : N-18



3 holes ϕ 0.95 at 120°

MAT ASPECT



All dimensions are in mm.

COMPONENTS	MATERIALS	PLATING (μm)
BODY	STAINLESS STEEL (316L)	PASSIVATED
CENTER CONTACT	BERYLLIUM COPPER, BRASS	GOLD 2.5 OVER NICKEL 2
OUTER CONTACT	-	-
INSULATOR	-	-
GASKET	FLUOROSILICON	GOLD, PASSIVATED
OTHERS PARTS	ST. STEEL (316L), BRASS	-
-	-	-
-	-	-

Issue : 0926 B

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



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RIGHT ANGLE PLUG SOLDER TYPE**CABLE SHF 8M/8LI****R163.198.L01**

Series : N-18

PACKAGING

Standard	Unit	Other
1	-	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-18	GHz
VSWR	1.15 + 0,0000	x F(GHz) Maxi
Insertion loss	0.1	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	- (90)	- F(GHz)) dB Maxi
Voltage rating	500	Veff Maxi
Dielectric withstanding voltage	1500	Veff mini
Insulation resistance	5000	M Ω mini

MECHANICAL CHARACTERISTICS

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

Recommended torque		
Mating	400	N.cm
Panel nut	NA	N.cm
Clamp nut	300	N.cm
A/F clamp nut	11,0000	mm

Mating life	500	Cycles mini
Weight	54,3700	g

ENVIRONMENTAL

Operating temperature	-65/+165	$^{\circ}\text{C}$
Hermetic seal	NA	Atm.cm3/s
Panel leakage	IP67	

SPECIFICATION**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)
F1703-160
SHF8LI

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	*	N mini
- torque	NA	N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.

OTHER CHARACTERISTICS

*See the TDS of the cable assembly

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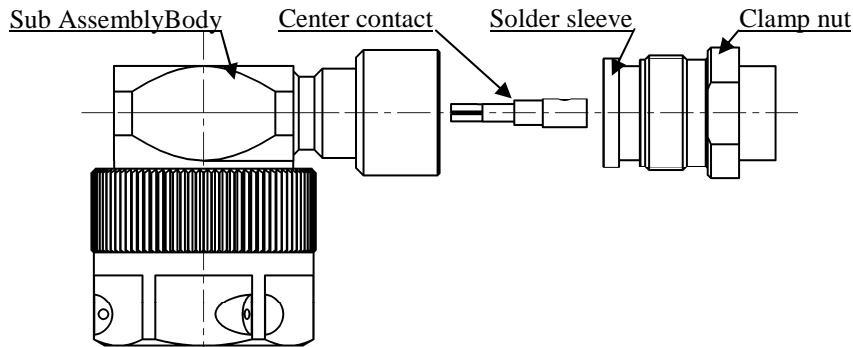
RIGHT ANGLE PLUG SOLDER TYPE

CABLE SHF 8M/8LI

R163.198.L01

Series : N-18

COMPONENTS

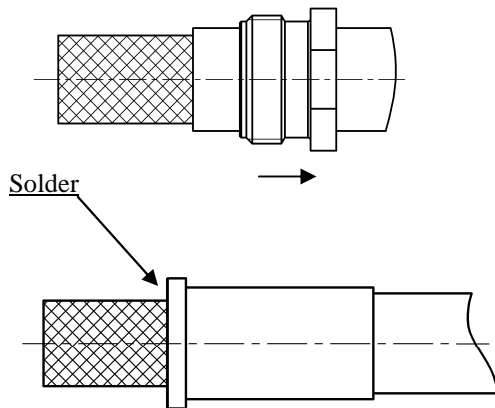


STRIPPING DIMENSIONS



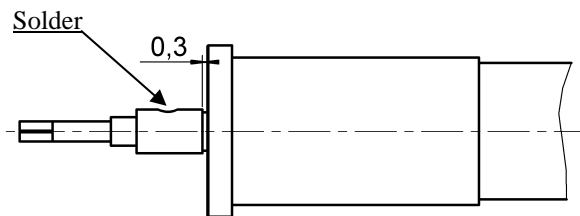
1

Strip the cable.
Slide the clamp nut onto the cable.
Solder the ferrule onto the braid of the cable.



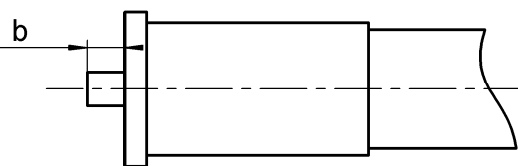
3

Slide the center contact onto the cable inserting between contact and ferrule the area gap.
Solder the contact onto the inner conductor.



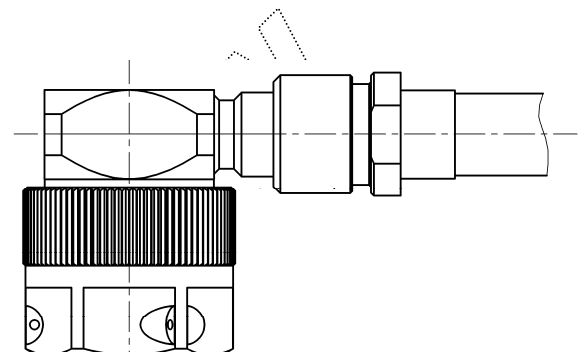
2

Cut the excess of braid and dielectric leveled on the sleeve.



4

Mount the whole body into the main sub assembly and screw the solder sleeve.
(recommended coupling torque 300 N/cm)



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