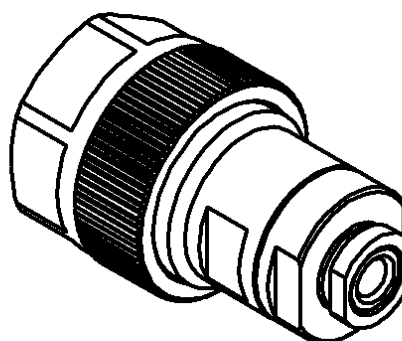
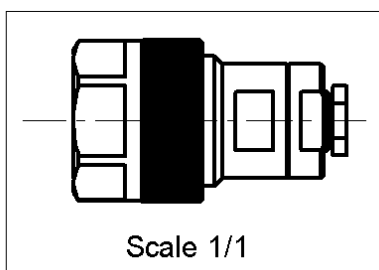
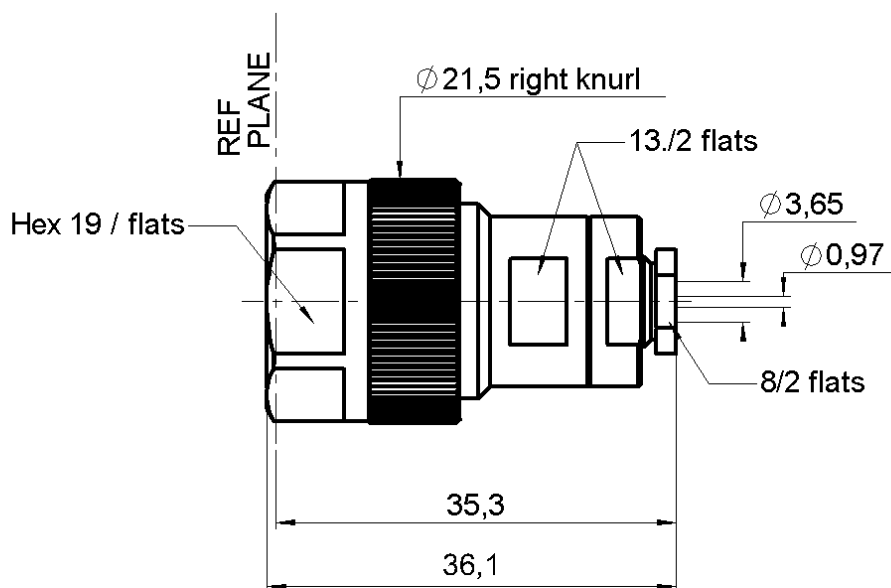


STRAIGHT PLUG SOLDER TYPE

R163.051.001

CABLE .141

Series : N-18



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	STAINLESS STEEL	PASSIVATED .
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.3 OVER NICKEL 2
OUTER CONTACT	-	-
INSULATOR	PTFE, ULTEM	-
GASKET	FLUOROSILICONE	-
OTHERS PARTS	-	-
-	-	-
-	-	-

Issue : 0048 B

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



STRAIGHT PLUG SOLDER TYPE**R163.051.001****CABLE .141**

Series : N-18

PACKAGING

Standard	Unit	Other
1	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

Impedance		50	Ω
Frequency		0-18	GHz
VSWR	1.05 +	0.007	x F(GHz) Maxi
Insertion loss		0.1	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	- (	92	- 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	160	N.cm
Panel nut	NA	N.cm
Clamp nut	200	N.cm
A/F clamp nut	8.000	mm

Mating life	500	Cycles mini
Weight	46.800	g

ENVIRONMENTAL

Operating temperature	-40/+125	° C
Hermetic seal	NA	Atm.cm3/s
Panel leakage	.0044	

SPECIFICATION**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	3.17	0.00	0.00	0.00	0.00	0.00

Assembly instruction :

Recommended cable(s)
RG 402
KS 2

Cable retention

- pull off	272	N mini
- torque	40	N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.

OTHERS CHARACTERISTICS

-

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STRAIGHT PLUG SOLDER TYPE

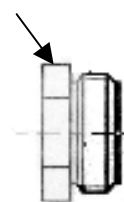
R163.051.001

CABLE .141

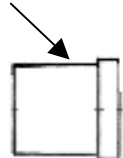
Series : N-18

COMPONENTS

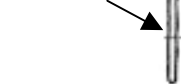
CLAMP NUT



SOLDERING SLEEVE



GASKET



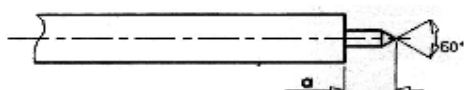
BODY



STRIPPING DIMENSIONS

**1**

Strip the centre conductor and stim it

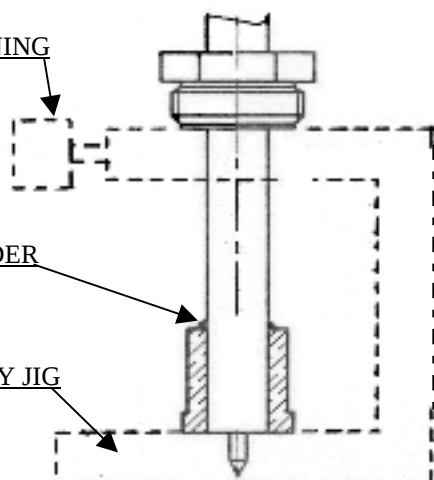
**2**

- Slide soldering sleeve on the cable .
- Slide soldering sleeve on the cable and get the cable against assembly jig, tighten the cable.
- Solder sleeve onto the cable.
- Let the assembly cool down before removing it from the jig.
- Cut the dielectric flush to the sleeve.

TIGHTENING

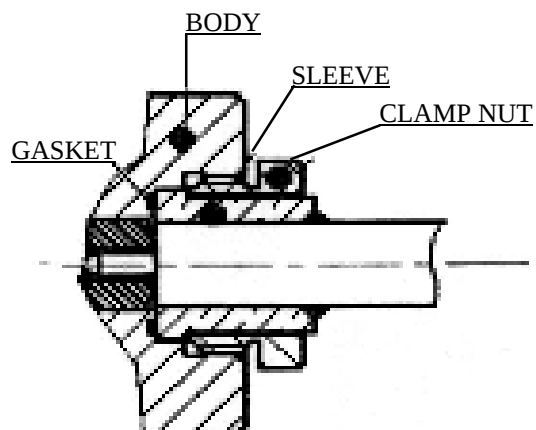
SOLDER

ASSEMBLY JIG

**3**

- Put the gasket into the body
- Screw the sub-assembly into the body.

Recommended coupling torque : (see connector TDS)



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