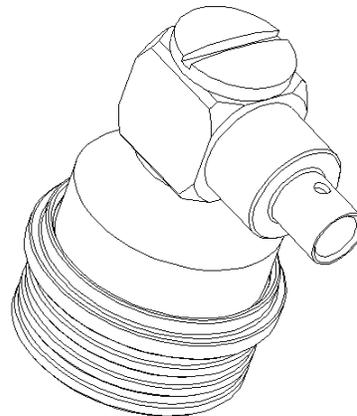
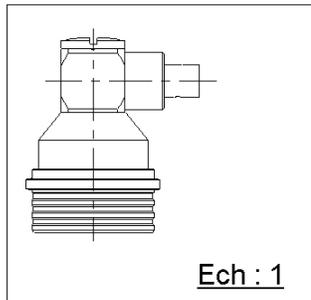
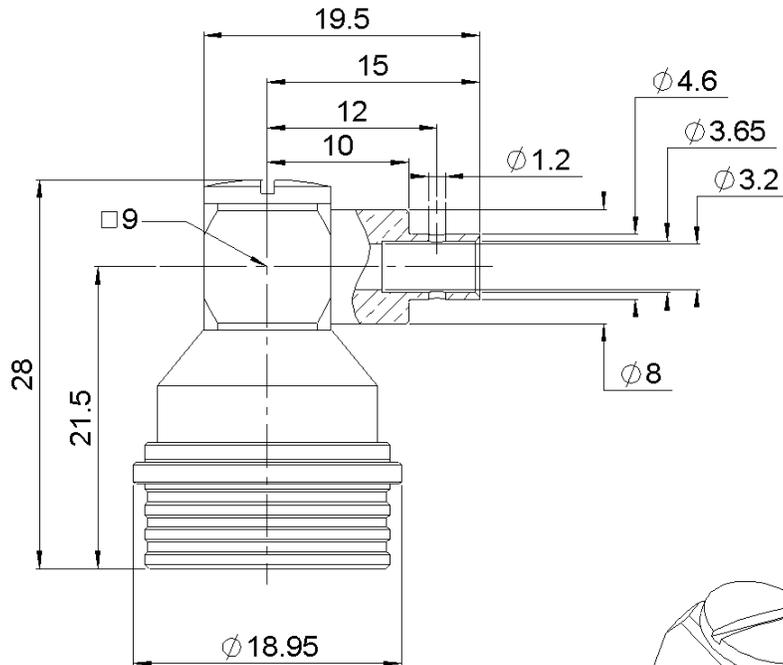


RIGHT ANGLE PLUG SOLDER TYPE

R164.152.000

CABLE .141

Series : QN



All dimensions are in mm.

COMPONENTS	MATERIALS	PLATING (µm)
BODY	BRASS	BBR OVER SILVER
CENTER CONTACT	BRASS	SILVER PASSIVATED OVER COPPER
OUTER CONTACT	BERYLLIUM COPPER	NPGR
INSULATOR	PTFE	
GASKET	EPDM	
OTHERS PARTS	BRASS	BBR
-	-	-
-	-	-

Issue : 1308 B

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RIGHT ANGLE PLUG SOLDER TYPE

R164.152.000

CABLE .141

Series : QN

PACKAGING

Standard	Unit	Other
50	'W' option	Contact us

SPECIFICATION

ELECTRICAL CHARACTERISTICS

Impedance		50 Ω
Frequency		0-6* GHz
VSWR	1.05 +	0.0250 x F(GHz) Maxi
Insertion loss		0.048 √F(GHz) dB Maxi
RF leakage	- (**90 - F(GHz)) dB Maxi
Voltage rating		850 Veff Maxi
Dielectric withstanding voltage		1500 Veff mini
Insulation resistance		5000 MΩ mini

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	2.80	0.00	9.30	0.00	6.50	0.00

Assembly instruction : NA

Recommended cable(s)

RG 402

KS 2

BELN 1673A

HC80000-3

SUCOFORM 141

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	270 N mini
- torque	NA N.cm

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	NA N.cm
Panel nut	NA N.cm
Clamp nut	NA N.cm
A/F clamp nut	0.000 mm

Mating life	100 Cycles mini
Weight	11.3170 g

TOOLING

Part Number	Description	Hexagon
R282.740.030	SOLDERING MOUNTING	

OTHER CHARACTERISTICS

* usable 0-11 Ghz

** RF Leakage : -80dB min 3<F<6 Ghz

***PIM3: -112dbm (2x20W at 1.8 Ghz)

ENVIRONMENTAL

Operating temperature	-55/+125 ° C
Hermetic seal	NA Atm.cm3/s
Panel leakage	NA

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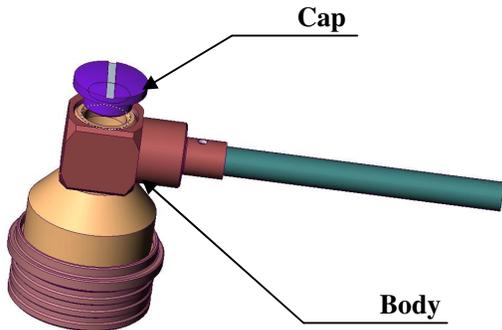
RIGHT ANGLE PLUG SOLDER TYPE

R164.152.000

CABLE .141

Series : QN

COMPONENTS



STRIPPING CABLE



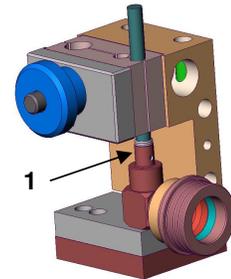
We recommend a cable thermal preconditioning before assembly

1

Strip the cable.

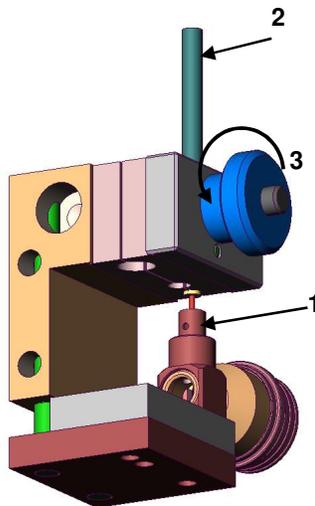
3

Put three rings of solder around the cable.
Solder the body onto the cable.



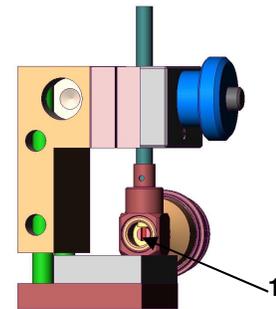
2

Insert the cable into the body.
Place the sub-assembly into the assembly jig.
Tighten.



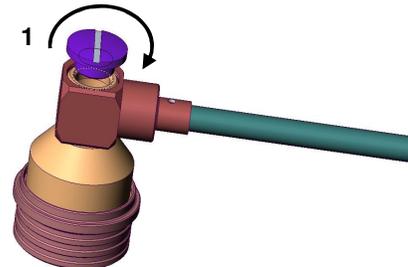
4

Solder the inner conductor.



5

Screw the nut into the body.



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