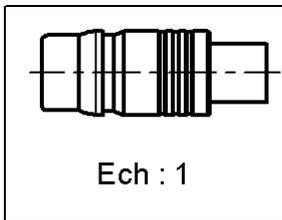
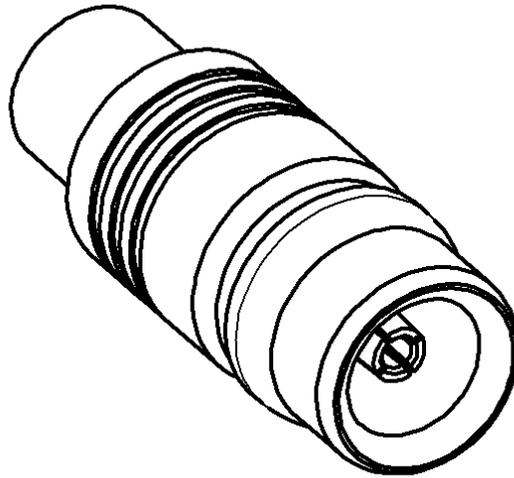
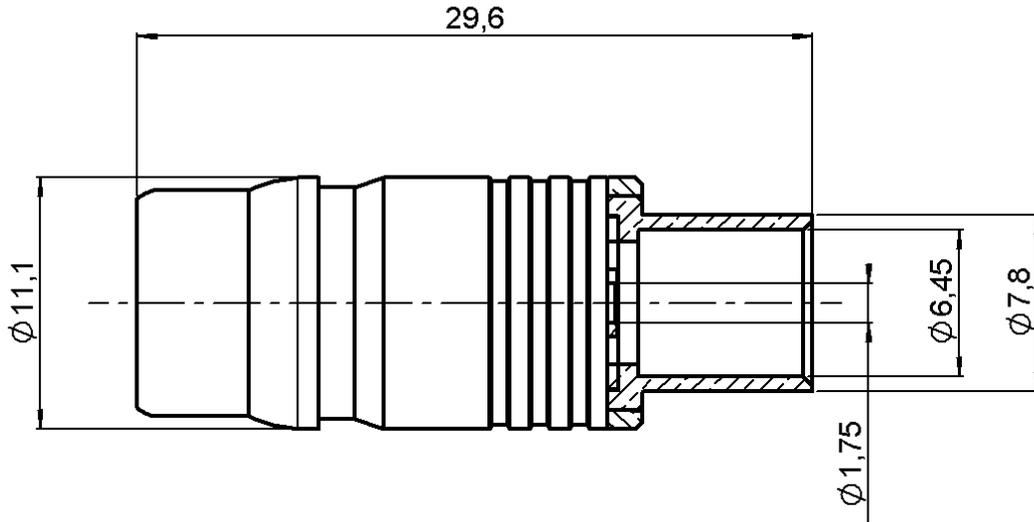


STRAIGHT JACK SOLDER TYPE

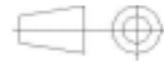
R164.228.000

CABLE .250

Series : QN



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	BRASS	BBR-0.5 OVER SILVER 3
CENTER CONTACT	BERYLLIUM COPPER	GOLD 1.3 OVER COPPER 2.5
OUTER CONTACT		
INSULATOR	PTFE	
GASKET		
OTHERS PARTS	BRASS	GOLD 1 OVER COPPER 2
-	-	-
-	-	-

Issue : 0350 B

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



STRAIGHT JACK SOLDER TYPE

R164.228.000

CABLE .250

Series : QN

PACKAGING

Standard	Unit	Other
50	'W' option	Contact us

SPECIFICATION

ELECTRICAL CHARACTERISTICS

Impedance		50 Ω
Frequency		* 0-6 GHz
VSWR	1.05 +	0.025 x F(GHz) Maxi
Insertion loss		0.048 √F(GHz) dB Maxi
RF leakage	- (**90 - F(GHz)) dB Maxi
Voltage rating		700 Veff Maxi
Dielectric withstanding voltage		1500 Veff mini
Insulation resistance		5000 MΩ mini

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	4.50	0.00	0.00	0.00	0.00	0.00

Assembly instruction : NA

Recommended cable(s)

MECHANICAL CHARACTERISTICS

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

Cable retention

- pull off	500 N mini
- torque	NA N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.
R282.054.000	STRIPPING TOOL	
R282.074.020	POINTER GAUGE CABLE .250	
R282.740.030	SOLDERING MOUNTING	
R282.744.260		
R282.862.130	SOLDER GAUGE THICKNESS .0354	

Recommended torque		
Mating		N.cm
Panel nut		N.cm
Clamp nut		N.cm
A/F clamp nut	0.000	mm

Mating life	100	Cycles mini
Weight	11.560	g

ENVIRONMENTAL

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

OTHERS CHARACTERISTICS

- * Usable 0-11GHz
- **RF Leakage : -80dB min 3<F<6GHz
- ***PIM3 : -112dBm (2 x20W at 1.8GHz)

Issue : 0350 B

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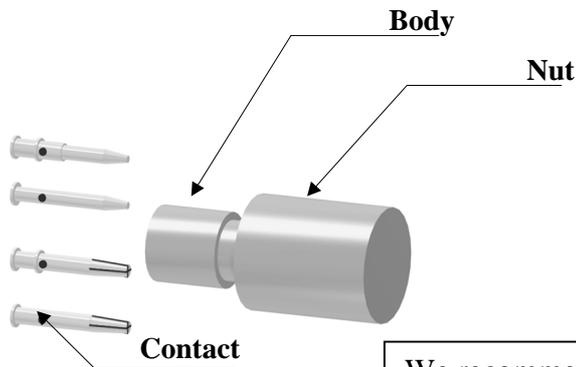


STRAIGHT JACK SOLDER TYPE

R164.228.000

CABLE .250

Series : QN



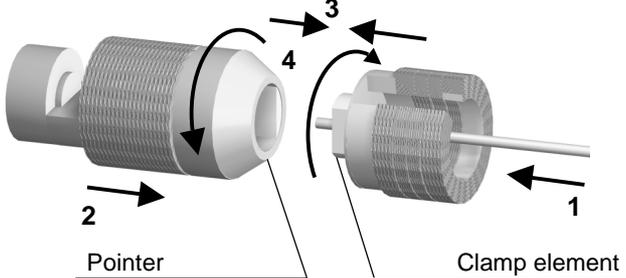
STRIPPING DIMENSIONS



We recommend a thermal preconditioning cable

1

Insert the cable into the clamp element.
Present the pointer in front of the clamp element.
Push the cable until it stops, while holding the clamp element pushed on the hollow part of the pointer.
Turn the clamp element until the release of the pointer.

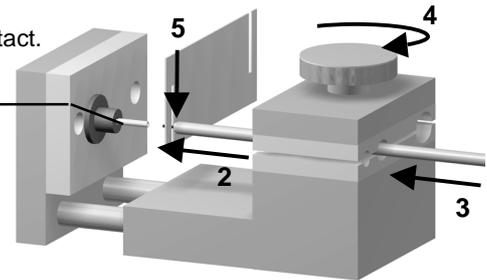


3

Mount the positioner A.
Slide the centre contact into the positioner A.
Insert the solder gauge between the centre contact and the cable.

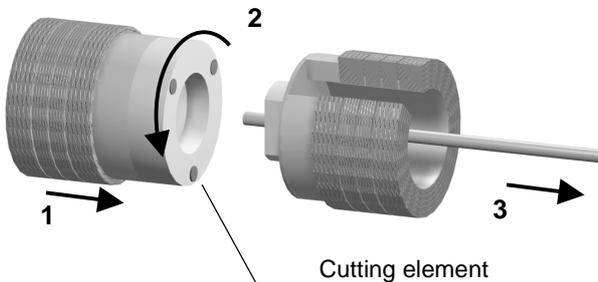
Tighten
Solder the contact.

1 - Positioner A



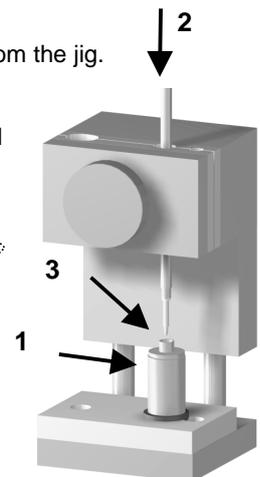
2

Present the cutting element in front of the clamp element.
Push and turn both elements, back part opposite to the front part. Once they reach the stop, pull without revolving.



4

After cooling, remove the assembly from the jig.
Positioning the connector onto the Assembly jig.
Slide the cable into the connector until it bottoms against the insulator
Tighten.
Put three rings of solder around the cable and solder.
After cooling, remove the assembly from the jig.



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