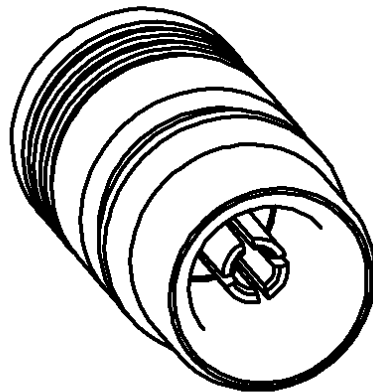
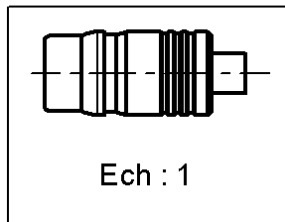
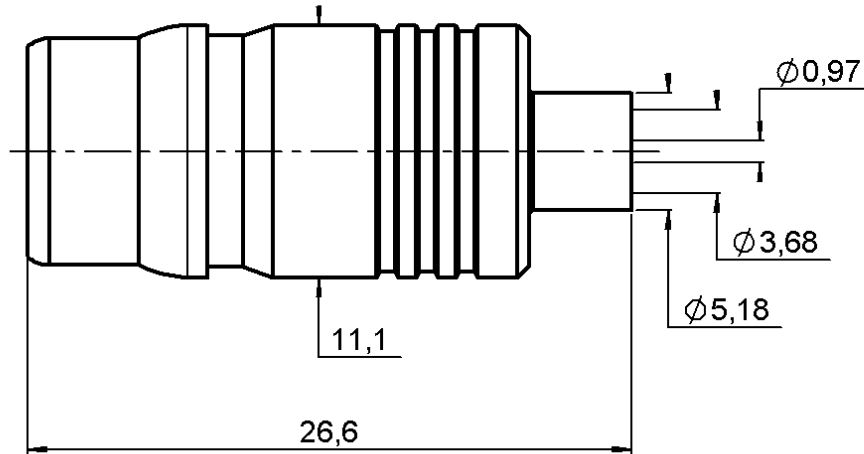


STRAIGHT JACK SOLDER TYPE

R164.336.000

CABLE .141

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

R164.336.000

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 + | 0.025 x F(GHz) Maxi |
| Insertion loss | | 0.048 √F(GHz) dB Maxi |
| RF leakage | - (| **90 - F(GHz)) dB Maxi |
| Voltage rating | | 350 Veff Maxi |
| Dielectric withstanding voltage | | 1000 Veff mini |
| Insulation resistance | | 5000 MΩ mini |

CABLE ASSEMBLY

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

Assembly instruction : **NA**

Recommended cable(s)
 RG 402
 KS 2
 HC80000-3
 BELN YQ43858

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 |

TOOLING

| Part Number | Description | Hexagon |
|--------------|----------------|---------|
| . | . | . |
| R282.053.000 | STRIPPING TOOL | |
| R282.067.000 | POINTER GAUGE | |

| | | |
|--------------------|--------------|------|
| 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 | 11.910 | g |

OTHERS CHARACTERISTICS

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

ENVIRONMENTAL

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

Issue : 0350 B

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PRELIMINARY

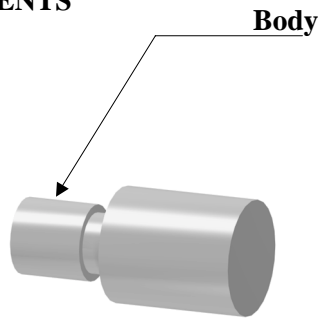
STRAIGHT JACK SOLDER TYPE

R164.336.000

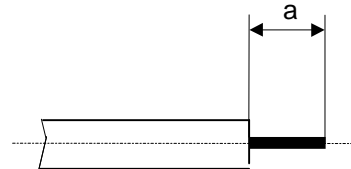
CABLE .141

Series : QN

COMPONENTS



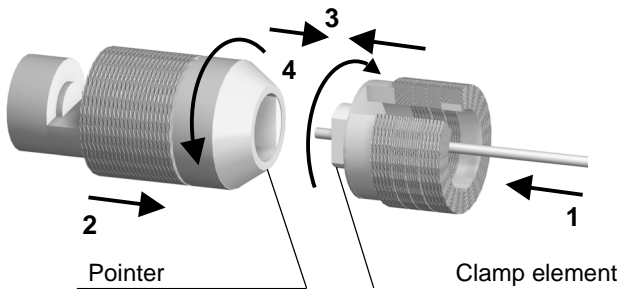
STRIPPING DIMENSIONS



We recommend a thermal preconditioning of the cable

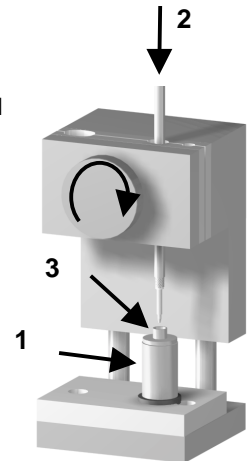
1

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.



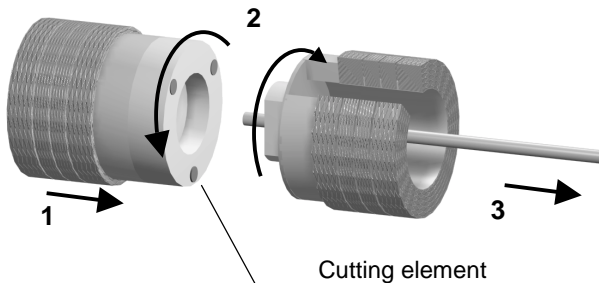
3

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



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.



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