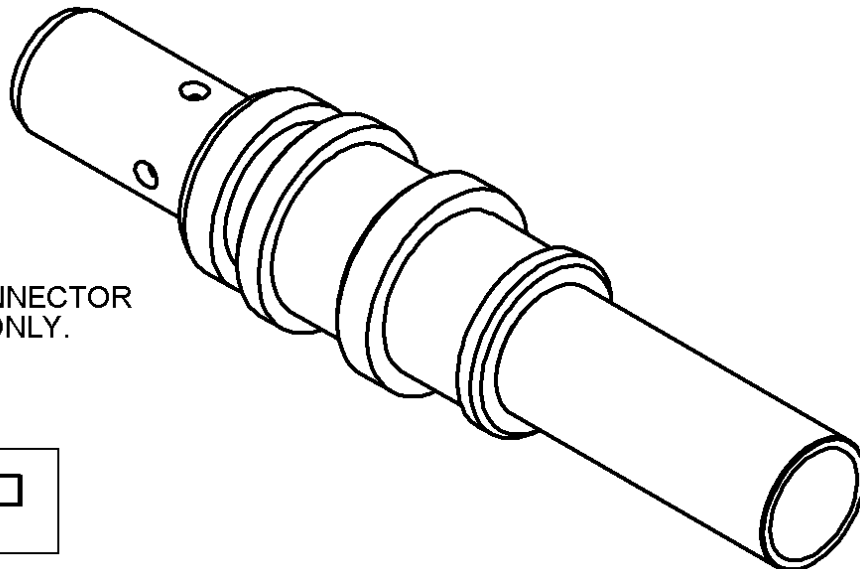
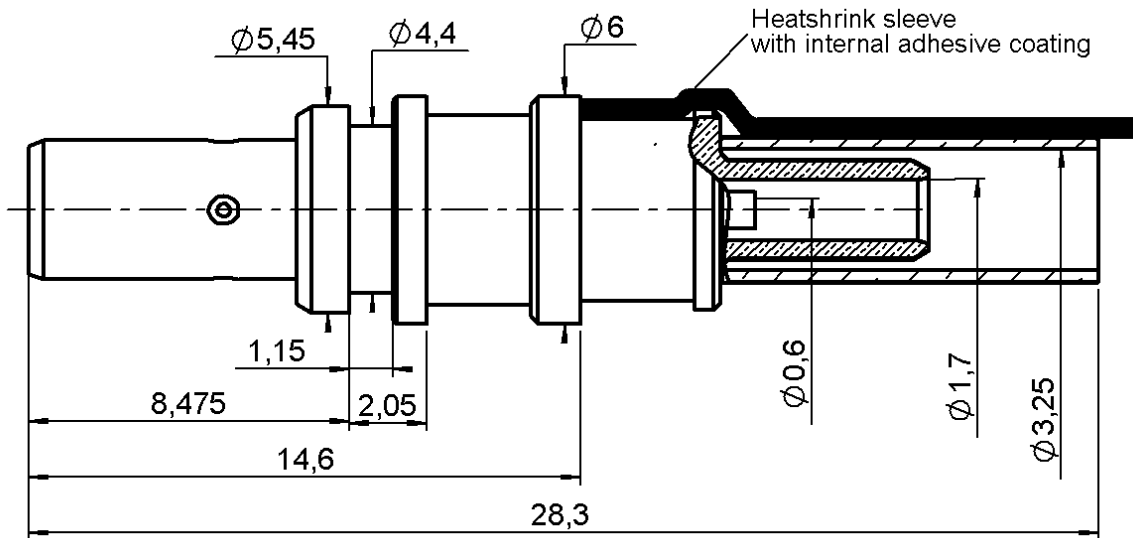


WATERPROOF STRAIGHT MALE JACK CRIMP TYPE

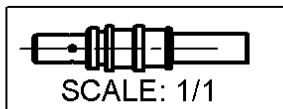
R114.242.365

CABLE 2.6/50S

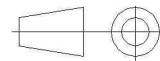
Series : **SMB**



IP67 WITH THE CONNECTOR
R114.082.365 ONLY.



All dimensions are in mm.



| COMPONENTS | MATERIALS | PLATINGS (µm) |
|----------------|-----------|-------------------------|
| BODY | BRASS | NICKEL 2 |
| CENTER CONTACT | BRASS | .GOLD 0.8 OVER NICKEL 2 |
| OUTER CONTACT | - | - |
| INSULATOR | PTFE | - |
| GASKET | PTFE | - |
| OTHERS PARTS | BRASS | NICKEL 2 |
| - | - | - |
| - | - | - |

Issue : 0737 B

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



WATERPROOF STRAIGHT MALE JACK CRIMP TYPE

R114.242.365

CABLE 2.6/50S

Series : **SMB**

PACKAGING

| Standard | Unit | Other |
|------------|-------------------|-------------------|
| 100 | 'W' option | Contact us |

SPECIFICATION

QS9000

ELECTRICAL CHARACTERISTICS

| | | |
|---------------------------------|----------------------|--------------------------|
| Impedance | 50 | Ω |
| Frequency | 0-4 | GHz |
| VSWR | 1.07 + 0,0500 | x F(GHz) Maxi |
| Insertion loss | TBD | \sqrt{F} (GHz) dB Maxi |
| RF leakage | - (NA) | - F(GHz)) dB Maxi |
| Voltage rating | 335 | Veff Maxi |
| Dielectric withstanding voltage | 1000 | Veff mini |
| Insulation resistance | 1000 | M Ω mini |

CABLE ASSEMBLY

| Stripping | a | b | c | d | e | f |
|-----------|------|------|------|------|------|------|
| mm | 2,40 | 5,50 | 13,8 | 0,00 | 11,4 | 0,00 |

Assembly instruction :

Recommended cable(s)
RG 174

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 | 65 | N mini |
| - torque | NA | N.cm |

MECHANICAL CHARACTERISTICS

| | | |
|----------------------------|-----------|-----------|
| Center contact retention | | |
| Axial force – Mating end | 10 | N mini |
| Axial force – Opposite end | 10 | N mini |
| Torque | NA | N.cm mini |

TOOLING

| Part Number | Description | Hexagon |
|--------------|---------------|--------------------------|
| . | . | . |
| R282.271.000 | CRIMPING TOOL | 3.25 - Square 0.72 |

| | | |
|--------------------|---------------|------|
| Recommended torque | | |
| Mating | NA | N.cm |
| Panel nut | NA | N.cm |
| Clamp nut | NA | N.cm |
| A/F clamp nut | 0,0000 | mm |

| | | |
|-------------|---------------|-------------|
| Mating life | 10 | Cycles mini |
| Weight | 2,5430 | g |

OTHERS CHARACTERISTICS

THIS COAX CAN BE USED WITH
FAKRA2 JACK HOUSING R197.132._90
(replaced the _ by the coding letter)

ENVIRONMENTAL

| | | |
|-----------------------|----------------|--------------|
| Operating temperature | -40/+85 | $^{\circ}$ C |
| Hermetic seal | NA | Atm.cm3/s |
| Panel leakage | NA | |

Issue : **0737 B**

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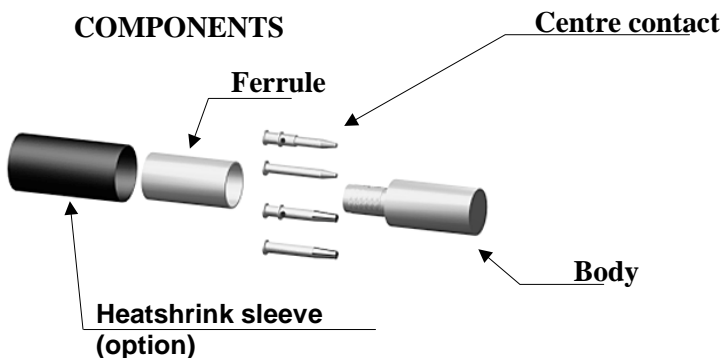
WATERPROOF STRAIGHT MALE JACK CRIMP TYPE

R114.242.365

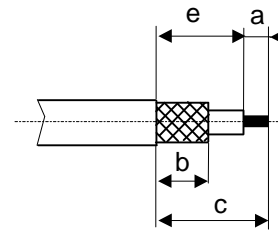
CABLE 2.6/50S

Series : SMB

COMPONENTS

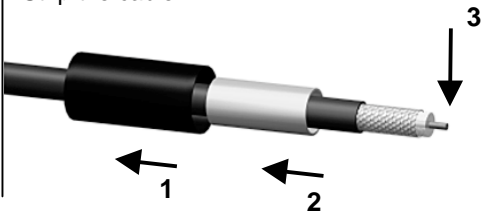


STRIPPING DIMENSIONS



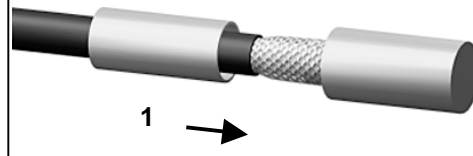
1

Slide the heatshrink sleeve onto the cable.
Slide the ferrule onto the cable.
Strip the cable.



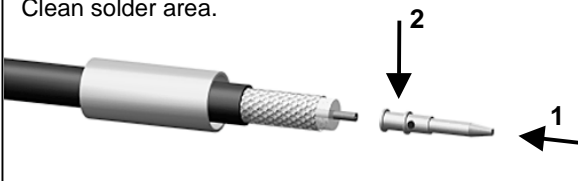
4

Slide the cable into the body until it bottoms against the insulator.



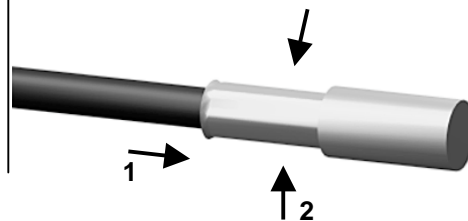
2

Slide the centre contact on until it bottoms against the cable dielectric.
Solder the centre contact.
Clean solder area.



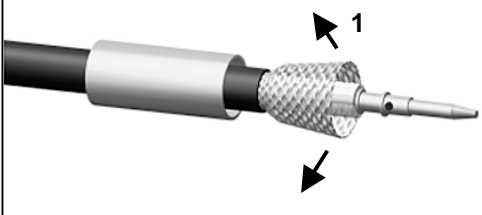
5

Slide the ferrule over the braid.
Crimp the ferrule with crimping tool (see connector TDS).



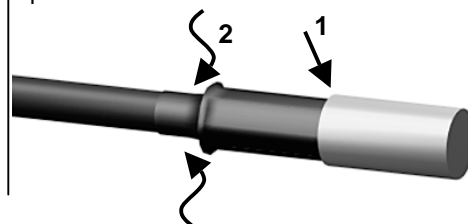
3

Fan the braid.



6

Cut the excess of braid if necessary.
Slide the sleeve over the ferrule and heatshrink it in place.



Issue : 0737 B

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