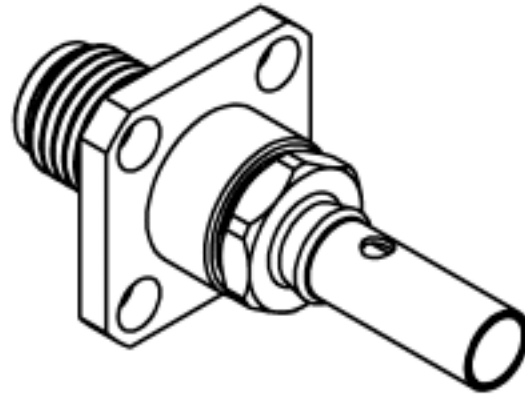
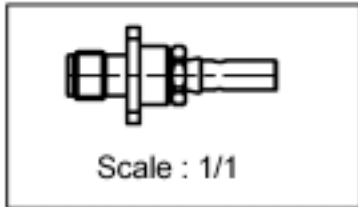
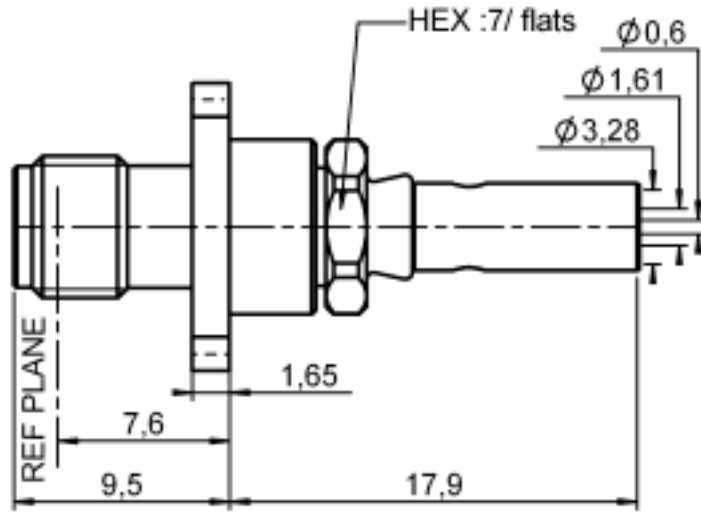
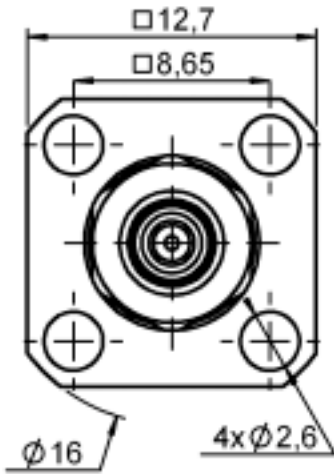


STRAIGHT SQUARE FLANGE JACK
CRIMP AND SOLDER TYPE - CABLE 2.6/50 S

R125.272.000

Series : SMA



PANEL CUT OUT

| mm | | |
|----|------|------|
| | Maxi | mini |
| A | 6.6 | 6.5 |
| B | 2.7 | 2.6 |
| C | 8.69 | 8.59 |

All dimensions are in mm.



| COMPONENTS | MATERIALS | PLATINGS (µm) |
|----------------|------------------|------------------------|
| BODY | STAINLESS STEEL | GOLD 0.5 OVER NICKEL 2 |
| CENTER CONTACT | BERYLLIUM COPPER | GOLD 1.3 OVER NICKEL 2 |
| OUTER CONTACT | - | - |
| INSULATOR | PTFE | - |
| GASKET | - | - |
| OTHERS PARTS | BRASS | GOLD 0.2 OVER NICKEL 2 |
| - | - | - |
| - | - | - |

Issue : 0048 P

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



STRAIGHT SQUARE FLANGE JACK

R125.272.000

CRIMP AND SOLDER TYPE - CABLE 2.6/50 S

Series : SMA

PACKAGING

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

SPECIFICATION

ELECTRICAL CHARACTERISTICS

| | | |
|---------------------------------|---------------|-----------------------------|
| Impedance | | 50 Ω |
| Frequency | | 0-12.4 GHz |
| VSWR | 1.15 + | 0.020 x F(GHz) Maxi |
| Insertion loss | | 0.06 √F(GHz) dB Maxi |
| RF leakage | - (| 60 - F(GHz)) dB Maxi |
| Voltage rating | | 250 Veff Maxi |
| Dielectric withstanding voltage | | 750 Veff mini |
| Insulation resistance | | 5000 MΩ mini |

CABLE ASSEMBLY

| Stripping | a | b | c | d | e | f |
|-----------|------|------|------|------|------|------|
| mm | 2.85 | 7.00 | 18.0 | 0.00 | 8.15 | 0.00 |

Assembly instruction :

Recommended cable(s)

RG 316
 RG 188
 KX 22A
 RG 174
 KX 3B
 RG 174 FTX
 -
 -
 SHF 2.7T U

Cable retention

- pull off **90** N mini
 - torque **NA** N.cm

MECHANICAL CHARACTERISTICS

| | | |
|----------------------------|-----------|-----------|
| Center contact retention | | |
| Axial force – Mating end | 27 | N mini |
| Axial force – Opposite end | NA | N mini |
| Torque | NA | N.cm mini |

| | | |
|--------------------|--------------|------|
| Recommended torque | | |
| Mating | NA | N.cm |
| Panel nut | NA | N.cm |
| Clamp nut | 100 | N.cm |
| A/F clamp nut | 7.000 | mm |

| | | |
|-------------|--------------|-------------|
| Mating life | 500 | Cycles mini |
| Weight | 5.200 | g |

TOOLING

| Part Number | Description | Hexagon |
|---------------------|----------------------|-------------|
| . | . | . |
| R282.235.003 | CRIMPING DIES | 3.25 |
| R282.211.000 | CRIMPING TOOL | 3.25 |
| R282.293.000 | CRIMPING TOOL | - |

OTHERS CHARACTERISTICS

-

ENVIRONMENTAL

| | | |
|-----------------------|-----------------|-----------|
| Operating temperature | -65/+165 | ° C |
| Hermetic seal | NA | Atm.cm3/s |
| Panel leakage | NA | |

Issue : 0048 P

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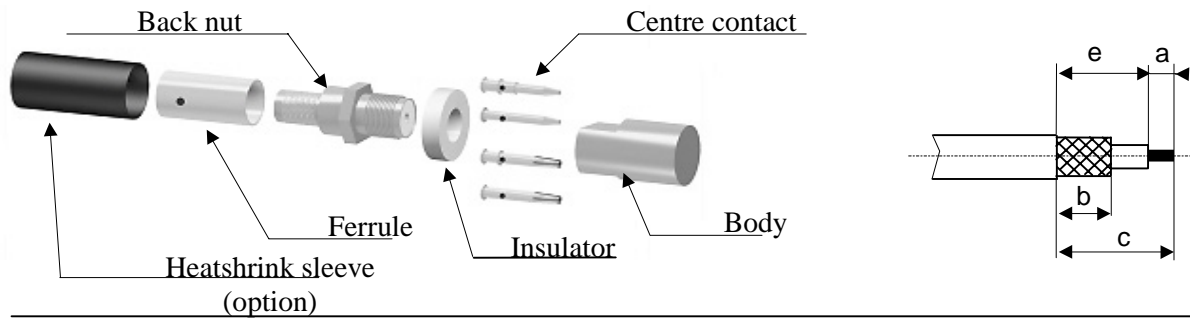


STRAIGHT SQUARE FLANGE JACK
CRIMP AND SOLDER TYPE - CABLE 2.6/50 S

R125.272.000

Series : SMA

COMPONENTS



1

Slide the heatshrink sleeve onto the cable (Option).
 Slide the ferrule onto the cable.
 Position the ferrule's hole at the front if soldering.
 Position the ferrule's hole at the back if crimping.
 Strip the cable.

4

Slide the centre contact on until it bottoms against the insulator back nut.
 Solder or crimp the contact (see connector TDS).

2

Fan the braid.
 Slide the cable into the back nut.

5

Screw the back nut into the connector body with the adapted wrench.
 Recommended coupling torque (see connector TDS)

3

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

6

Slide the sleeve over the ferrule and heatshrink it in place (option).

Issue : 0048 P

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