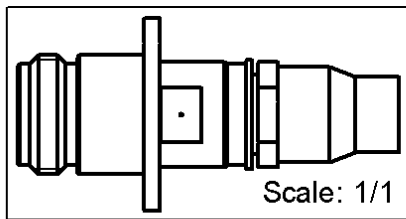
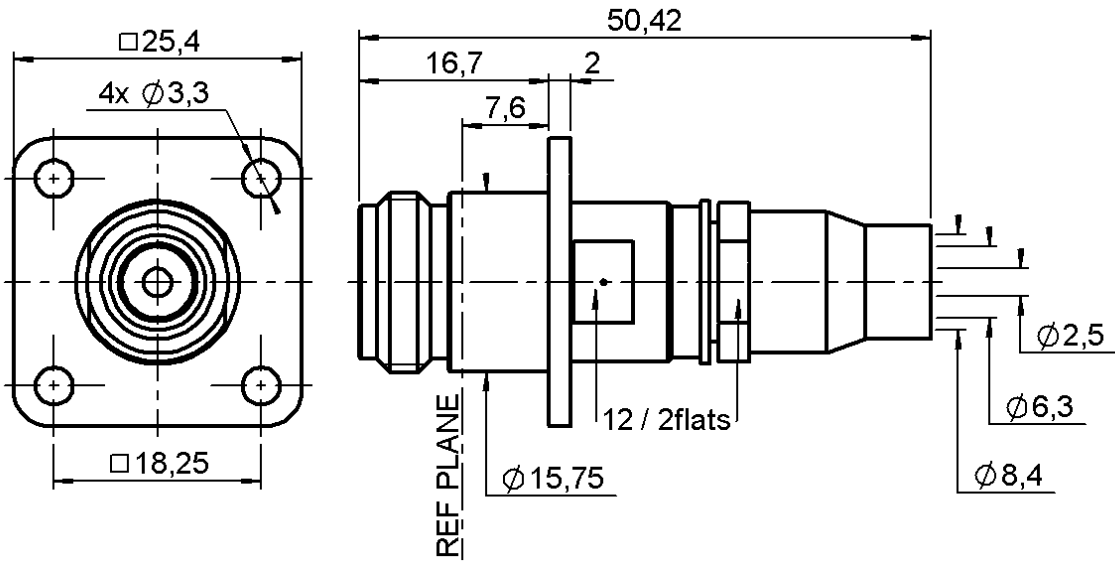


STRAIGHT SQUARE FLANGE JACK

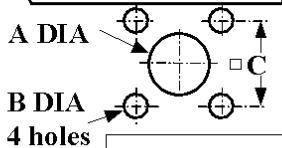
R161.292.000

CRIMP TYPE - CABLE 8.07/50 D

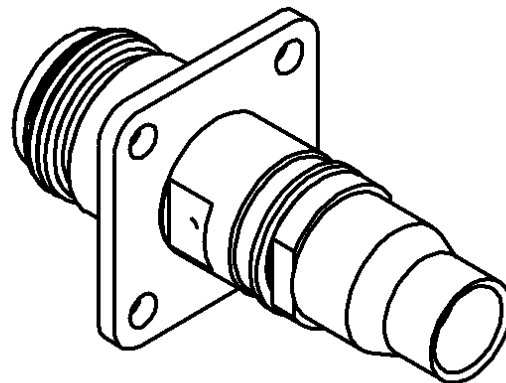
Series : N



PANEL CUT OUT



| | mm | |
|---|-------|-------|
| | Maxi | mini |
| A | 16.3 | 16.1 |
| B | 3.3 | 3.2 |
| C | 18.35 | 18.15 |



All dimensions are in mm.

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

Issue : 0708 K

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



STRAIGHT SQUARE FLANGE JACK

R161.292.000

CRIMP TYPE - CABLE 8.07/50 D

Series : N

PACKAGING

| Standard | Unit | Other |
|-----------|-------------------|-------------------|
| 50 | 'W' option | Contact us |

SPECIFICATION

ELECTRICAL CHARACTERISTICS

| | | |
|---------------------------------|----------------------|--------------------------|
| Impedance | 50 | Ω |
| Frequency | 0-3 | GHz |
| VSWR | 1.30 + 0,0000 | x F(GHz) Maxi |
| Insertion loss | 0.048 | \sqrt{F} (GHz) dB Maxi |
| RF leakage | - (101) | - F(GHz)) dB Maxi |
| Voltage rating | 850 | Veff Maxi |
| Dielectric withstanding voltage | 1500 | Veff mini |
| Insulation resistance | 5000 | M Ω mini |

CABLE ASSEMBLY

| Stripping | a | b | c | d | e | f |
|-----------|------|------|------|------|------|------|
| mm | 9,00 | 8,00 | 26,0 | 0,00 | 0,00 | 0,00 |

Assembly instruction :

Recommended cable(s)
50 MFCFB FTX

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 | 400 | 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 |
|--------------|------------------------------|-----------------|
| . | . | . |
| R282.293.000 | CRIMPING TOOL M22520/5-01 | - |
| 282.247 | CRIMPING DIE M 22520/5-61 | 10.9 |
| . And - (et) | | |
| 282.291 | CRIMPING TOOL M22520/1-01 | 2x4 (pos. 8) |
| 282.997 | LOCATOR | red |
| . | . | . |

| | | |
|--------------------|----------------|------|
| Recommended torque | | |
| Mating | NA | N.cm |
| Panel nut | NA | N.cm |
| Clamp nut | 370 | N.cm |
| A/F clamp nut | 12,0000 | mm |

| | | |
|-------------|----------------|-------------|
| Mating life | 500 | Cycles mini |
| Weight | 44,0000 | g |

ENVIRONMENTAL

| | | |
|-----------------------|-----------------|--------------|
| Operating temperature | -55/+155 | $^{\circ}$ C |
| Hermetic seal | NA | Atm.cm3/s |
| Panel leakage | NA | |

OTHERS CHARACTERISTICS

-

Issue : 0708 K

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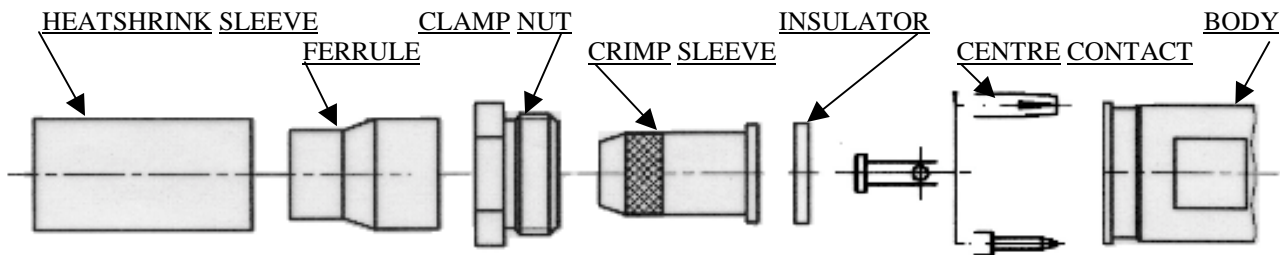
STRAIGHT SQUARE FLANGE JACK

CRIMP TYPE - CABLE 8.07/50 D

R161.292.000

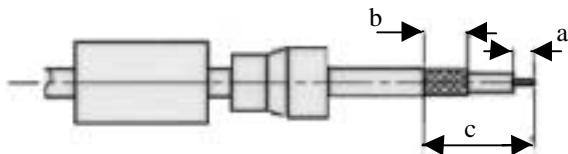
Series : N

COMPONENTS



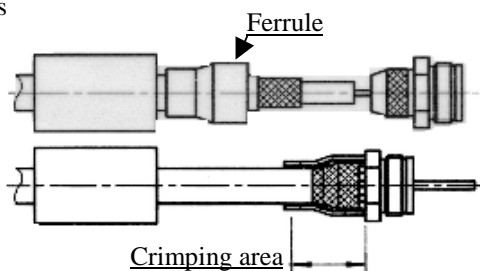
1

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



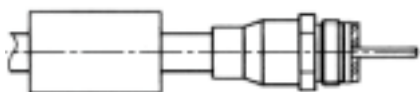
2

Slide the clamp nut onto the crimp sleeve.
Slide sub-assembly under the braid.
Slide ferrule over the braid against clamp nut. (In direction F)
Crimp the ferrule with crimping tool + dies



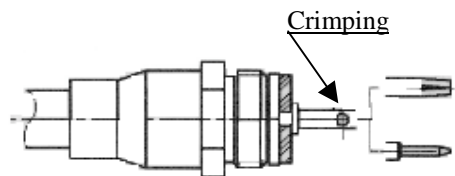
3

Cut the dielectric flush to crimp sleeve.
Mount insulator against crimp sleeve.



4

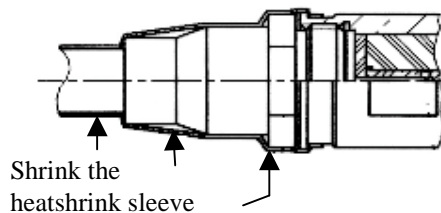
Slide the centre contact onto the cable inner conductor against insulator.
Crimp centre contact with the crimping tool and the positioner.



Heatshrink sleeve not shown

5

Screw sub-assembly into the connector body.
(recommended coupling see the connector TDS)
Slide sleeve over ferrule and heatshrink sleeve in the place.



Issue : 0708 K

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