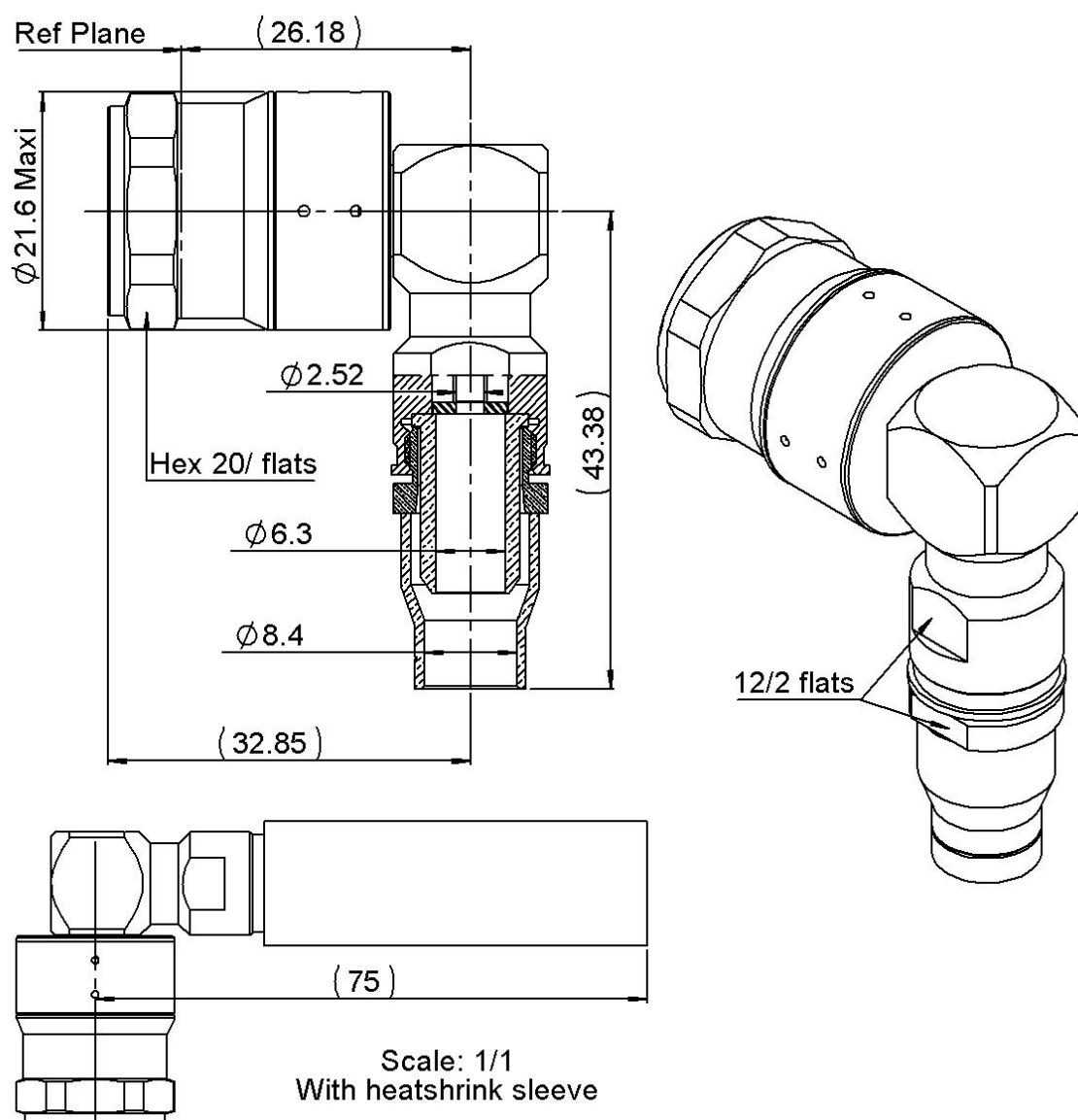


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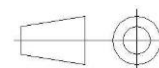
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SERIES N-18

PART NUMBER R163199010



All dimensions are in mm. Tolerances according ISO 2768 m-H



| COMPONENTS | MATERIALS | PLATING (µm) |
|----------------|-------------------------|---------------------|
| Body | STAINLESS STEEL. | PASSIVATED. |
| Center contact | BERYLLIUM COPPER | GOLD OVER NICKEL |
| Outer contact | | - |
| Insulator | PTFE | |
| Gasket | FLUOROSILICON | |
| Others parts | STAINLESS STEEL + BRASS | PASSIVATED , NICKEL |
| - | - | - |
| - | - | - |

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PACKAGING

| Standard | Unit | Other |
|----------|-------------------|-------------------|
| 1 | Contact us | Contact us |

ELECTRICAL CHARACTERISTICS

| | | |
|---------------------------------|-----------------------------|-------------------|
| Impedance | 50 | Ω |
| Frequency | 0-18 | GHz |
| VSWR | 1.15* + 0,030 | x F(GHz) Maxi |
| Insertion loss | 0.07** | √F(GHz) dB Maxi |
| RF leakage | - (55***) | - F(GHz)) dB Maxi |
| Voltage rating | 500 | Veff Maxi |
| Dielectric withstanding voltage | 1500 | Veff mini |
| Insulation resistance | 5000 | MΩ mini |

MECHANICAL CHARACTERISTICS

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

| | | |
|--------------------|---------------|------|
| Recommended torque | | |
| Mating | 192 | N.cm |
| Panel nut | | N.cm |
| Clamp nut | 370 | N.cm |
| A/F clamp nut | 12,000 | mm |

| | | |
|---|--------------|-------------|
| Mating life | 250 | Cycles mini |
| Nominal Weight (Add +15% for max weight) | 74.98 | g |

ENVIRONMENTAL

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

SPECIFICATION

CABLE ASSEMBLY

| Stripping mm | a | b | c | d | e | f |
|-----------------|--------------|--------------|---------------|---|---|---|
| | 8,000 | 9,000 | 26,000 | - | - | - |

Assembly instruction:

Recommended cable(s)

EN 4604-007WN

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 | 500 | N mini |
| - torque | NA | N.cm |

TOOLING

| Part Number | Description | Other |
|-------------|-------------------------------|---------------------------|
| 282291 | PINCE SERT M 22520/1-01 | 2x4 points (Position 8) |
| R282293000 | PINCE SERT M 22520/5-01 | |
| 282247 | CRIMPING DIES M22520/5-61 | Hex : 10.9 |
| R282589102 | POSIT PINCE M22520/1-01 DR OF | |

OTHER CHARACTERISTICS

*DC-12Ghz

**DC-6Ghz

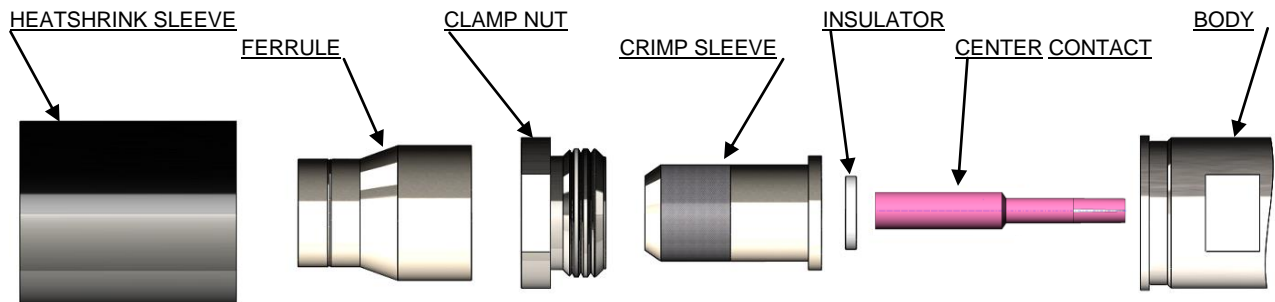
***DC-3Ghz

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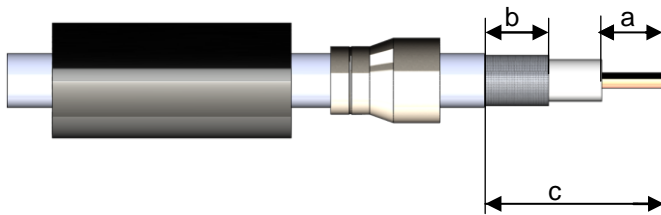
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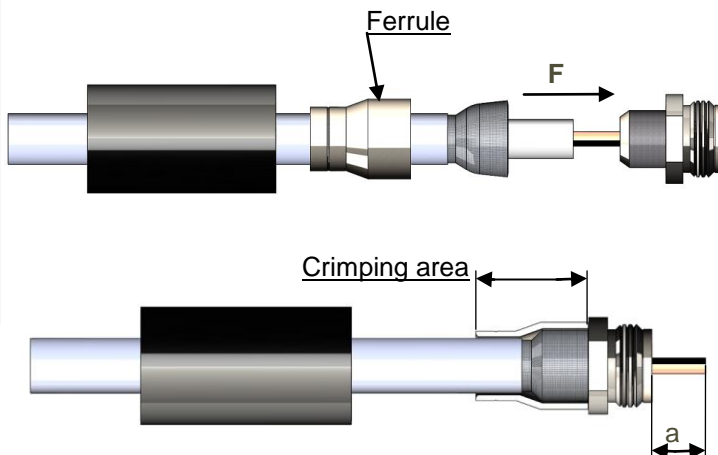
1

Slide onto the cable the heat-shrink sleeve and the ferrule
Strip the cable and cut the foil under the braid.
Optionally, to facilitate the stripping of the inner cable, the length "a" could be stripped after crimping of the ferrule.



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



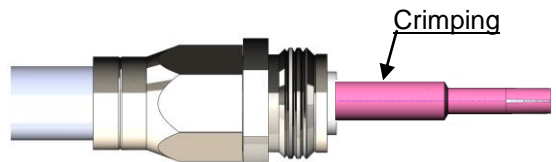
3

The dielectric must be in the same plane as the face of the crimp sleeve. Cut the dielectric flush to crimp sleeve if it exceeds. Clean the dielectric side.
Mount insulator against crimp sleeve.



4

Slide the center contact onto the cable inner conductor against insulator.
Crimp the center-contact with the crimping tool.



5

Screw sub-assembly into the connector body.
(recommended coupling see the connector TDS)
Slide sleeve heat-shrink over ferrule and put in the place as below

