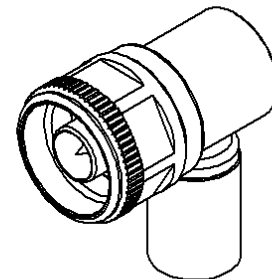
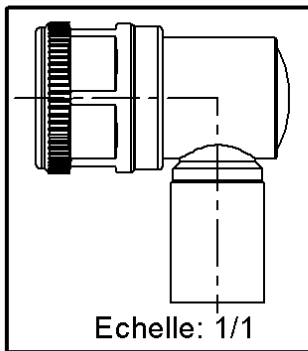
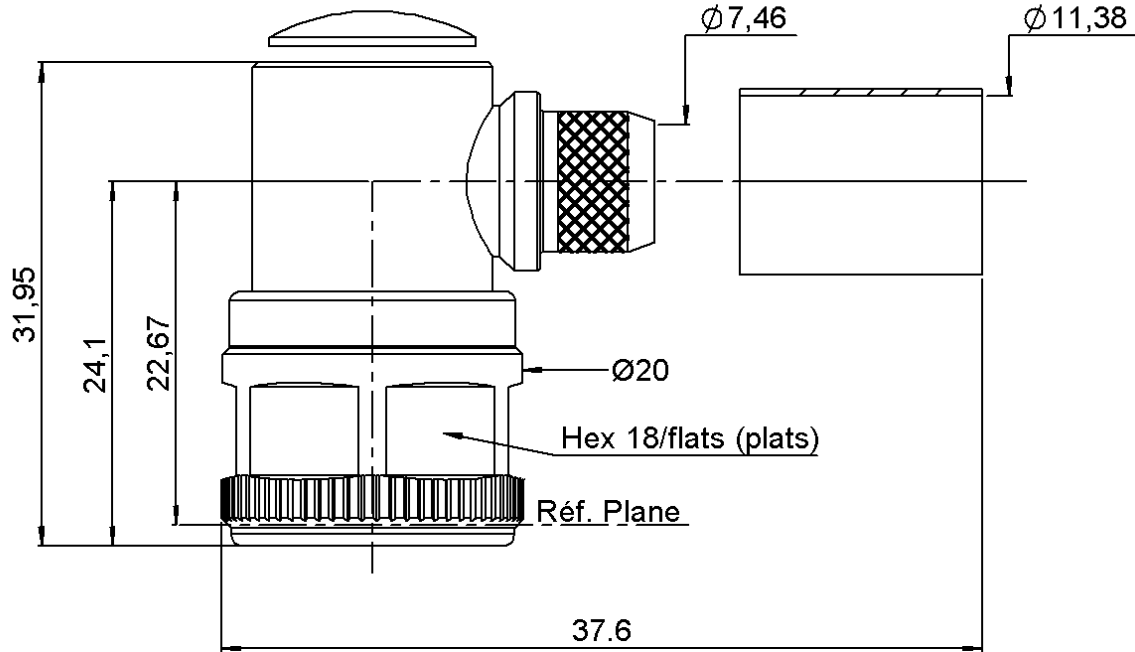


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All dimensions are in mm.



| COMPONENTS     | MATERIALS              | PLATING (µm)              |
|----------------|------------------------|---------------------------|
| Body           | <b>BRASS</b>           | <b>BBR OVER SILVER</b>    |
| Center contact | <b>BRASS</b>           | <b>SILVER OVER COPPER</b> |
| Outer contact  | <b>BRASS</b>           | <b>BBR OVER SILVER</b>    |
| Insulator      | <b>PTFE</b>            |                           |
| Gasket         | <b>SILICONE RUBBER</b> |                           |
| Others parts   | <b>BRASS</b>           | <b>BBR OVER SILVER</b>    |
| -              | -                      | -                         |
| -              | -                      | -                         |

|                 |                        |                 |                               |
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**PACKAGING**

|                       |                           |                            |
|-----------------------|---------------------------|----------------------------|
| Standard<br><b>50</b> | Unit<br><b>Contact us</b> | Other<br><b>Contact us</b> |
|-----------------------|---------------------------|----------------------------|

**ELECTRICAL CHARACTERISTICS**

|                                 |                      |                   |
|---------------------------------|----------------------|-------------------|
| Impedance                       | <b>50</b>            | Ω                 |
| Frequency                       | <b>0-11</b>          | GHz               |
| VSWR                            | <b>1.15 + 0,0000</b> | x F(GHz) Maxi     |
| Insertion loss                  | <b>0.07</b>          | √F(GHz) dB Maxi   |
| RF leakage                      | - ( <b>NA</b> )      | - F(GHz)) dB Maxi |
| Voltage rating                  | <b>1000</b>          | Veff Maxi         |
| Dielectric withstanding voltage | <b>2500</b>          | Veff mini         |
| Insulation resistance           | <b>5000</b>          | MΩ mini           |

**MECHANICAL CHARACTERISTICS**

|                            |                |             |  |
|----------------------------|----------------|-------------|--|
| Center contact retention   |                |             |  |
| Axial force – Mating End   | <b>27</b>      | N mini      |  |
| Axial force – Opposite end | <b>27</b>      | N mini      |  |
| Torque                     | <b>NA</b>      | N.cm mini   |  |
| Recommended torque         |                |             |  |
| Mating                     | <b>170</b>     | N.cm        |  |
| Panel nut                  | <b>NA</b>      | N.cm        |  |
| Clamp nut                  | <b>NA</b>      | N.cm        |  |
| A/F clamp nut              | <b>0,0000</b>  | mm          |  |
| Mating life                | <b>500</b>     | Cycles mini |  |
| Weight                     | <b>46,9730</b> | g           |  |

**ENVIRONMENTAL**

|                       |                 |           |
|-----------------------|-----------------|-----------|
| Operating temperature | <b>-55/+155</b> | °C        |
| Hermetic seal         | <b>NA</b>       | Atm.cm3/s |
| Panel leakage         | <b>NA</b>       |           |

**SPECIFICATION**

\* **0-2 GHz 1 00**

**CABLE ASSEMBLY**

| Stripping | a        | b        | c         | d        | e         | f        |
|-----------|----------|----------|-----------|----------|-----------|----------|
| mm        | <b>5</b> | <b>8</b> | <b>21</b> | <b>0</b> | <b>16</b> | <b>0</b> |

Assembly instruction:

Recommended cable(s)

**RG 214**  
**RG 225**  
**KX 13**

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 | <b>400</b> | N mini |
| - torque   | <b>NA</b>  | N.cm   |

**TOOLING**

| Part Number | Description               | Hexagon               |
|-------------|---------------------------|-----------------------|
| R282235116  | CRIMPING DIES             | 10.54 F(Y116 DANIELS) |
| R282293000  | CRIMPING TOOL M22520/5-01 | -                     |
| R282231000  | CRIMPING TOOL             | 10.54 F               |

**OTHER CHARACTERISTICS**

**PIM3 < -155 dBc (-112 dBm) 2x20W**

CUSTOMER'S APPROVAL

Department or company's stamp

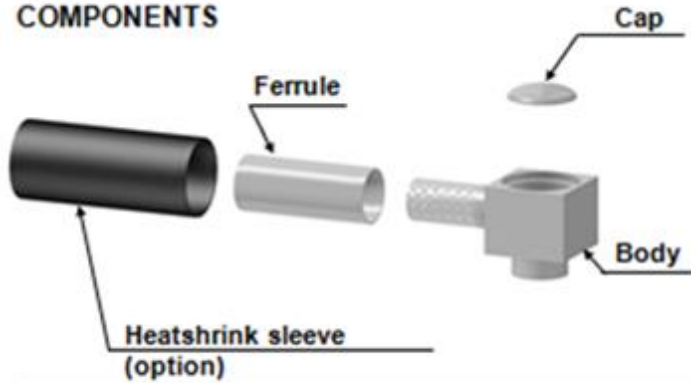
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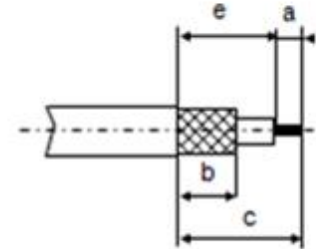
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**COMPONENTS**



**STRIPPING DIMENSIONS**



**1**

Slide the heatshrink sleeve onto the cable (Option).  
Slide the ferrule onto the cable.  
Strip the cable.

**2**

Fan the braid.

**3**

Push the connector body under the braid.  
Slide the ferrule over the braid.

**4**

Crimp the ferrule with crimping tool ( see connector TDS ).  
Solder the inner conductor.

**5**

Place the cap into the body.

**6**

Press on the cap flush or slightly below the surface of the body assembly.  
Slide the sleeve over the ferrule and heatshrink it in place (Option).