All dimensions are in mm.

<table>
<thead>
<tr>
<th>COMPONENTS</th>
<th>MATERIALS</th>
<th>PLATINGS (µm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>BODY</td>
<td>BRASS</td>
<td>GOLD 0.2 OVER NICKEL 2</td>
</tr>
<tr>
<td>CENTER CONTACT</td>
<td>BERYLLIUM COPPER</td>
<td>GOLD 1.3 OVER NICKEL 2</td>
</tr>
<tr>
<td>OUTER CONTACT</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>INSULATOR</td>
<td>PTFE</td>
<td>-</td>
</tr>
<tr>
<td>GASKET</td>
<td>CHLOROPRENE</td>
<td>GOLD 0.2 OVER NICKEL 2</td>
</tr>
<tr>
<td>OTHERS PARTS</td>
<td>BRASS</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Issue : 0430 L

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

**RIGHT ANGLE PLUG CLAMP TYPE**

**CABLE 2.6/50+75 S**

**R112.165.000**

Series : SMC

---

### PACKAGING

<table>
<thead>
<tr>
<th>Standard</th>
<th>Unit</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>-</td>
<td>Contact us</td>
</tr>
</tbody>
</table>

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### ELECTRICAL CHARACTERISTICS

- **Impedance**: 50 Ω
- **Frequency**: 0-10 GHz
- **VSWR**: 1.30 + 0.040 x F(GHz) Maxi
- **Insertion loss**: 0.25 V/F(GHz) dB Maxi
- **RF leakage**: - ( ) - F(GHz)) dB mini
- **Voltage rating**: 355 Veff Maxi
- **Dielectric withstanding voltage**: 1000 Veff mini
- **Insulation resistance**: 1000 MΩ mini

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### MECHANICAL CHARACTERISTICS

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

- **Recommended torque**
  - Mating: 30 N.cm
  - Panel nut: NA N.cm
  - Clamp nut: 40 N.cm
  - A/F clamp nut: 5,000 mm

- **Mating life**: 500 Cycles mini
- **Weight**: 4,300 g

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### ENVIRONMENTAL

- **Operating temperature**: -55/+100 °C
- **Hermetic seal**: NA Atm.cm³/s
- **Panel leakage**: NA

---

**SPECIFICATION**

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**CABLE ASSEMBLY**

<table>
<thead>
<tr>
<th>Stripping</th>
<th>a</th>
<th>b</th>
<th>c</th>
<th>d</th>
<th>e</th>
<th>f</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm</td>
<td>1.50</td>
<td>2.00</td>
<td>4.00</td>
<td>5.00</td>
<td>0.00</td>
<td>0.00</td>
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</tbody>
</table>

Assembly instruction :

Recommended cable(s)
- RG 179
- RG 187
- RG 188
- KX 22A
- RG 316

**TOOLING**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Hexagon</th>
</tr>
</thead>
<tbody>
<tr>
<td>.</td>
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</tbody>
</table>

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**OTHERS CHARACTERISTICS**

- 

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**Issue : 0430 L**

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COMPONENTS

1. Slide the back nut, the first washer, the flat gasket, the second washer onto the cable.
   Strip the cable.
   Cut 2 slots in the jacket if necessary.

2. Slide the clamp braid sleeve.
   Cut the braid flush with the clamp braid sleeve.
   Strip off the dielectric.
   (for cable 2.6/50 use knurled clamp, for cable 2.6/75 use smooth clamp.

3. Screw sub-assembly into the connector body with the adapted wrench.
   Recommended coupling torque (see connector TDS).
   Solder the inner conductor.

4. Place the cap into the body.
   Press on the cap flush or slightly below the surface of the body assembly.

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