Technical Datasheet

tasker® RG 58 CU Coaxial 50Ω Mil. C17F Standard Cable

**CATEGORY**
Coaxial cable 50 Ω (See Data Network Catalogue)

**APPLICATION**
RF antenna and 50Ω premade cables

**A:**
Black PVC Sheath.  
Outer Diam. Ø 5,00 (±0,10) mm.

**B:**
Shielding O.F.C. tinned copper braid covering 95%.

**C:**
Core Insulation with transparent compact PE.  
Diam. Ø 3,00 (±0,10) mm

**D:**
O.F.C. tinned copper stranded formation, 19x0,18 mm.  
Nom. Cross section 1x0,48 mm².

**MARKING**
tasker® RG58 CU Mil. C/17 F  50Ω

**CUSTOM**
This product may be custom produced also in L.S.Z.H. polymer, PE, PUR, with or without Metallic Armor.

**PRODUCTION**
with or without Metallic Armor.

### Cable Properties

<table>
<thead>
<tr>
<th>Conductor Resistance</th>
<th>36,5 Ω/Km</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity Core/Shield</td>
<td>100 pF/m</td>
</tr>
<tr>
<td>Velocity of Propagation</td>
<td>66%</td>
</tr>
<tr>
<td>Impedance</td>
<td>50 Ω</td>
</tr>
<tr>
<td>Max Rated Voltage</td>
<td>2.000 V</td>
</tr>
<tr>
<td>Operative Temperature</td>
<td>-15/+70°C</td>
</tr>
<tr>
<td><strong>Attenuation dB/100 m.</strong></td>
<td></td>
</tr>
<tr>
<td>50 MHz</td>
<td>9,70</td>
</tr>
<tr>
<td>100 MHz</td>
<td>13,90</td>
</tr>
<tr>
<td>200 MHz</td>
<td>20,40</td>
</tr>
<tr>
<td>400 MHz</td>
<td>30,00</td>
</tr>
<tr>
<td>800 MHz</td>
<td>45,10</td>
</tr>
<tr>
<td>1000 MHz</td>
<td>51,80</td>
</tr>
</tbody>
</table>

**USE**
- Indoor
- Outdoor Limited
- Outdoor Direct Burial

**INSTALLATION**
- Indoor
- Outdoor Limited
- Outdoor Direct Burial

**INFORMATION**
- RoHS3 Compliant

**Remarks**
Capitale Sociale € 100.000,00 i.v.  
Cod. Fisc. e P. IVA 03835660154
R.E.A. MI 975732 Reg. imprese MI 178864-5179-14
PEC: taskerpec@legalmail.it

**ESQ**
AZIENDA CERTIFICATA UNI EN ISO 9001