

**Type RG-11/U FR Coaxial Cable**  
**Teldor P/N 6301101101**

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**GENERAL CONSTRUCTION:**

Coaxial cable of 75  $\Omega$ s, for frequency operating range up to 1 GHz, with maximum voltage rating of 5000 V and temperature rating of -20C to +80C, complies to MIL-C-17.

The outer jacket is made of black FR PVC compound for indoor use.

**1. Inner Conductor:**

- 1.1. Material: Tine copper.
- 1.2. Construction: Stranded 7 x 0.40 mm (18#).
- 1.3. OD: 1.20 mm nom.

**2. Dielectric:**

- 2.1. Material: LDPE.
- 2.2. Construction: Solid.
- 2.3. OD: 7.25 mm nom.

**3. Outer Conductor:**

- 3.1. Construction: Braid.
- 3.2. Material: Bare copper 0.180 mm nom.
- 3.3. Coverage: 95% min.
- 3.4. OD: 8.0

**4. Outer Jacket:**

- 4.1. Material: FR PVC compound.
- 4.2. Color: Black.
- 4.3. Thickness: 1.1 mm nom.
- 4.4. OD: 10.30 mm nom.
- 4.5. Marking: Per request.

**5. Electrical Properties:**

- 5.1. Impedance: 75.0 $\pm$ 3  $\Omega$ .
- 5.2. Attenuation: 0.171 dB/m max. @ 400 MHz.  
0.308 dB/m max. @ 1000 MHz.
- 5.3. DC Resistance: 21.6  $\Omega$ /Km max. @ 20C.
- 5.4. Dielectric Strength: 10000 volts/1 minute min.
- 5.5. Velocity of Propagation: 66% nom.
- 5.6. Capacitance: 72.1 pF/m nom.

**6. General Properties:**

- Total Weight: 142.0 Kg/Km nom.
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