

**Audio, Control & Instrumentation Cable 1x2x22 AWG STP  
PVC jacket**

**Teldor P/N 8008451109**



The cable's stranded conductors and overall screen render this cable suitable for rack and patch panel wiring and general indoor Audio and Control installation. Its small dimensions enable wiring in narrow passages.

**GENERAL CONSTRUCTION:**

The cable contains one Polypropylene insulated twisted pair, overall shielded with a polyester-aluminum foil and a 22 AWG stranded drain wire.

A paper wrap underneath the FR PVC jacket facilitates the jacket removal.

**1. Basic Wires:**

- 1.1. Conductor: Stranded tinned copper, 7x0.25 mm, 22 AWG
- 1.2. Insulation: PP(Polypropylene) 1.20 mm nom

**2. Pairs Construction:**

- 2.1. Total number of pairs: 1
- 2.2. Color Code: Black x Red

**3. Overall Shield:**

- 3.1. Polyester-aluminum foil (aluminum face out), providing 100% coverage,
- 3.2. Tin-plated, 22 AWG stranded (7x0.25 mm) drain-wire laid in close contact with the aluminum foil
- 3.3. Paper tape for easy jacket removal

**4. Outer Jacket:**

- 4.1. Material: Soft FR PVC.
- 4.2. Color: Grey
- 4.3. Thickness: 0.55 mm nom.
- 4.4. Overall Diameter: 3.5 mm nom.
- 4.5. Marking: Per request.

**5. Electrical Properties:**

- 5.1. DC Resistance: 54.4  $\Omega$ /Km max. @ 20C
- 5.2. Voltage Rating: 300 V rms.
- 5.3. Dielectric Strength: 1500 volts/1 minute between conductors.  
1000 volts/1 minute between conductor and screen.
- 5.4. Velocity of Propagation: 66% nom.
- 5.5. Capacitance between conductors of pair: 110 pF/m nom.
- 5.6. Impedance: 55  $\Omega$  nom.

**6. General Properties:**

- 6.1. Total Weight: 19.0 Kg/Km nom.
- 6.2. Flame Test: IEC 60332-1.
- 6.3. Temperature Range: -20C to +80C.

Prepared By: Prepared By: Dov Shaham

Revised By: Revised By: Dov Shaham

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