

6x20 AWG 600V Overall Shielded Instrumentation Cable
PRELIMINARY
Teldor P/N 8PFP106109.hid

GENERAL CONSTRUCTION:

Instrumentation and Control cable designed for the process control industry.
The cable has a 600 Volts and 105C rating per MIL-W-16878.

1. Conductor:

- 1.1. Material: Tin-plated copper.
- 1.2. Construction: Stranded, 19 strand per ASTM B-286.
- 1.3. Size: 20 AWG, 19x0.20 mm.

2. Insulation:

- 2.1. Material: FR PVC -55C to +105C.
- 2.2. Thickness: 0.43 mm nom.
- 2.3. O.D.: 1.85 mm nom.

3. Cable Lay-Up:

- 3.1. Total number of wires: 6.
- 3.2. Wires identification: Black, White, Red, Green, Brown, Blue.

4. Overall Shield:

24 μ Polyester-Aluminum foil, providing 100% coverage, laid in close contact with a tin-plated, 20 AWG stranded (7x0.32 mm) drain-wire.

5. Outer Jacket:

- 5.1. Material: FR PVC.
- 5.2. Color: Black.
- 5.3. Thickness: 1.0 mm nom.
- 5.4. Overall Diameter: 7.6 mm nom.
- 5.5. Ripcord: Included (14 Kg/Force).
- 5.6. Marking: Per request.

6. Electrical Properties:

- 6.1. DC Resistance: 35.9 Ω /Km max. @ 20C.
- 6.2. Dielectric Strength: 2000 volts/1 minute min.

7. General Properties:

- 7.1. Total Weight: 92 Kg/Km nom.
 - 7.2. Bend Radius: 45 mm min.
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