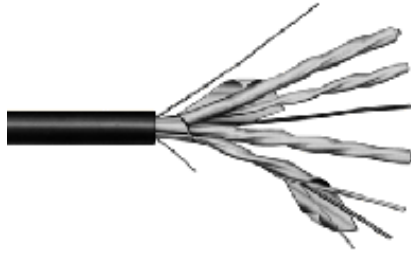


4x2x20 AWG Individuall and Overall Shielded Instrumentation Cable**TELDOR P/N 8742004101****GENERAL CONSTRUCTION:**

Instrumentation cable designed for the process control industry.
Constructed according to NEC Article 725 Class 1 for use in Division 2 hazardous areas. The cable has a 300V and 90C rating.

1. Conductor:

- 1.1. Material: Bare copper.
- 1.2. Construction: Stranded, 7 strand concentric as per ASTM B-8, Class B.
- 1.3. Size: 20 AWG, 7x0.32 mm.

2. Insulation:

- 2.1. Material: FR PVC as per BS 6746 Type 5.
- 2.2. Thickness: 0.4 mm nom.
- 2.3. O.D.: 1.75 mm nom.

3. Pair Lay-Up:

- 3.1. Lay Length: 50 mm nom.
- 3.2. Color: White x Black.
- 3.3. Pair Identification: Printed number on one wire of each pair.
- 3.4. Individual Shield: 23 μ . polyester-aluminum foil, providing 100% coverage, laid in close contact with a tin-plated, 22 AWG stranded (7x0.25 mm) drain-wire.

4. Cable Lay-Up:

- 4.1. Total number of pairs: 4.
- 4.2. Cabling: 4 pairs are cabled together with a communication wire.
- 4.3. Binder: Polyester Tape, 12 μ .

5. Overall Shield:

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

6. Outer Jacket:

- 6.1. Material: FR PVC as per BS 6746 Type 9.
- 6.2. Color: Black.
- 6.3. Thickness: 1.3 mm nom.
- 6.4. Overall Diameter: 10.7 mm nom.
- 6.5. Marking: TELDOR 8742004101 4x2x20# FR (Date: Month/Year)
(Sequential Length) METER + Batch No.

7. Electrical Properties:

- 7.1. DC Resistance: 35.9 Ω /Km max. @ 20C.
- 7.2. Dielectric Strength: Insulation - 2000 volts/1 minute min. between conductors.
Jacket - 5000 volts/1 minute min.

8. General Properties:

- 8.1. Total Weight: 152.0 Kg/Km nom.
- 8.2. Bend Radius: 63 mm min.

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