

Aerospace Part #: TC109B

600V 200C FEP Cable

DESCRIPTION

9 Conductors AWG 10 / 37x26 TPC Braid shielded FEP / FEP

Applications

- Tray, Audio, Instrumentation, Control
- Resistant to chemical, gas, oil, sunlight, and water

PHYSICAL PROPERTIES

Conductors

Insulation

| # Conductors | AWG / Matl. | Material | Wall / Finished OD | Color Code |
|--------------|------------------|----------|--------------------|-------------------------|
| 9 | 10 / 37x26 / TPC | FEP | .013" / .136" | Chart 1 |

Outer Shield Material

| Layer Type | AWG / Matl. | Coverage |
|------------------|--------------|----------|
| Overall TC Braid | AWG 34 / TPC | 90% |

Outer Jacket Material

Cabling

| Jacket Matl / Color | Wall | Overall O.D. | Lay on Cable |
|---------------------|-------|--------------|--------------|
| FEP / Gray | .015" | 0.602" nom | 6" LHL |

MECHANICAL PROPERTIES

| Operating Temp | Weight |
|-----------------|------------------|
| neg 80C to 200C | 372 lb / 1000 ft |

ELECTRICAL PROPERTIES

| Max. Operating Voltage | Capacitance | VOP |
|------------------------|-------------|-----|
| 600V | 48 pF/ft | 69% |

INDUSTRY APPROVALS AND COMPLIANCE

Standards & Environmental Programs

| | |
|-------------------|--|
| Mil-Spec Standard | M16878/11 |
| RoHS Compliant | YES |
| Passes Flame Test | UL910/1581-NFPA 262-FT-6-IEEE-383 |
| FDA Code | 121.2555 |
| NEMA | HP-4 |
| Suitability | Direct Burial / Tray Applications / F&B Plants |

MISCELLANEOUS

Contact Us For More Information

T: 800.395.0200 F: 718.358.2522 E: sales@aerospacewire.com W: www.aerospacewire.com

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