

**Aerospace Part #: TC162B**
**600V 200C FEP Cable**
**DESCRIPTION**

2 Conductors AWG 16 / 7x24TPC 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              |
|--------------|-----------------|----------|--------------------|-------------------------|
| 2            | 16 / 7x24 / TPC | FEP      | .014" / .085"      | <a href="#">Chart 1</a> |

**Outer Shield Material**

| Layer 1 Type  | AWG / Matl.  | Coverage |
|---------------|--------------|----------|
| Overall Braid | AWG 34 / TPC | 90%      |

**Outer Jacket Material**
**Cabling**

| Jacket Matl / Color | Wall  | Overall O.D. | Lay on Cable |
|---------------------|-------|--------------|--------------|
| FEP / Gray          | .010" | 0.215" nom   | 2" LHL       |

**MECHANICAL PROPERTIES**

| Operating Temp  | Weight          |
|-----------------|-----------------|
| neg 80C to 200C | 48 lb / 1000 ft |

**ELECTRICAL PROPERTIES**

| Max. Operating Voltage | Capacitance    | VOP |
|------------------------|----------------|-----|
| 600V                   | 27.6 pF/ft nom | 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**

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\* Specification subject to error and may change without notice