

**Aerospace Part #: TC125F**
**600V 200C FEP Cable**
**DESCRIPTION**

5 Conductors AWG 12 / 19x.0185" TPC 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              |
|--------------|----------------------|----------|--------------------|-------------------------|
| 5            | 12 / 19x.0185" / TPC | FEP      | .015" / .117"      | <a href="#">Chart 1</a> |

**Outer Shield Material**
**Drain Wire**

| Type of Shield | Material         | AWG / Matl.  |
|----------------|------------------|--------------|
| Overall        | Aluminum / Mylar | 14 / 7 / TPC |

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

| Jacket Matl / Color | Wall  | Overall O.D. | Lay on Cable |
|---------------------|-------|--------------|--------------|
| FEP / Gray          | .010" | 0.340" nom   | 6" LHL       |

**MECHANICAL PROPERTIES**

| Operating Temp  | Weight           |
|-----------------|------------------|
| neg 80C to 200C | 135 lb / 1000 ft |

**ELECTRICAL PROPERTIES**

| Max. Operating Voltage | Capacitance | VOP |
|------------------------|-------------|-----|
| 600V                   | 35 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**

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**LOW MINIMUMS RUNS QUICK TURNAROUNDS CUSTOM CABLE SOLUTIONS MADE IN USA**

\* Specification subject to error and may change without notice