

Aerospace Part #: TC1812F
600V 200C FEP Cable
DESCRIPTION

12 Conductors AWG 18 / 7x26 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 |
|--------------|-----------------|----------|--------------------|-------------------------|
| 12 | 18 / 7x26 / TPC | FEP | .010" / .068" | Chart 1 |

Outer Shield Material
Drain Wire

| Type of Shield | Material | AWG / Matl. |
|----------------|------------------|--------------|
| Overall | Aluminum / Mylar | 20 / 7 / TPC |

Outer Jacket Material
Cabling

| Jacket Matl / Color | Wall | Overall O.D. | Lay on Cable |
|---------------------|-------|--------------|--------------|
| FEP / Gray | .012" | 0.310" nom | 4" LHL |

MECHANICAL PROPERTIES

| Operating Temp | Weight |
|-----------------|-----------------|
| neg 80C to 200C | 98 lb / 1000 ft |

ELECTRICAL PROPERTIES

| Max. Operating Voltage | Capacitance | VOP |
|------------------------|--------------|-----|
| 600V | 30 pF/ft nom | 69% |

INDUSTRY APPROVALS AND COMPLIANCE
Standards & Environmental Programs

| | |
|-------------------|--|
| Mil-Spec Standard | M16878/11 |
| RoHS Compliant | YES |
| 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