

**Aerospace Part #: TC163F**
**600V 200C FEP Cable**
**DESCRIPTION**

3 Conductors AWG 16 / 7x24 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
3	16 / 7x24 / TPC	FEP	.014" / .085"	<a href="#">Chart 1</a>

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

Type of Shield	Material	AWG / Matl.
Overall	Aluminum / Mylar	18 / 7 / TPC

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

Jacket Matl / Color	Wall	Overall O.D.	Lay on Cable
FEP / Gray	.010"	0.207" nom	4" LHL

**MECHANICAL PROPERTIES**

Operating Temp	Weight
neg 80C to 200C	45 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