

**Aerospace Part #: TC163U**
**600V 200C FEP Cable**
**DESCRIPTION**

3 Conductors AWG 16 / 7x24 TPC Unshielded 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 Jacket Material**
**Cabling**

Jacket Matl / Color	Wall	Overall O.D.	Lay on Cable
FEP / Gray	.010"	0.203" nom	4" LHL

**MECHANICAL PROPERTIES**

Operating Temp	Weight
neg 80C to 200C	40 lb / 1000 ft

**ELECTRICAL PROPERTIES**

Max. Operating Voltage	Capacitance	VOP
600V	17.2 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](#)**
**T: 800.395.0200 F: 718.358.2522 E: [sales@aerospacewire.com](mailto:sales@aerospacewire.com) W: [www.aerospacewire.com](http://www.aerospacewire.com)**
**LOW MINIMUMS RUNS QUICK TURNAROUNDS CUSTOM CABLE SOLUTIONS MADE IN USA**

\* Specification subject to error and may change without notice