

Aerospace Part #: TC1612F
600V 200C FEP Cable
DESCRIPTION

12 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
12	16 / 7x24 / TPC	FEP	.014" / .085"	Chart 1

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	.012"	0.381" nom	4" LHL

MECHANICAL PROPERTIES

Operating Temp	Weight
neg 80C to 200C	155 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
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LOW MINIMUMS RUNS QUICK TURNAROUNDS CUSTOM CABLE SOLUTIONS MADE IN USA

* Specification subject to error and may change without notice