

Aerospace Part #: TC165B
600V 200C FEP Cable
DESCRIPTION

5 Conductors AWG 16 / 7x24TPC Braid 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	16 / 7x24 / TPC	FEP	.014" / .085"	Chart 1

Outer Shield Material

Layer 1 Type	AWG / Matl.	Coverage
Overall Braid	AWG 34 / TPC	90%

Outer Jacket Material
Cabling

Jacket Matl / Color	Wall	Overall O.D.	Lay on Cable
FEP / Gray	.012"	0.282" nom	4" LHL

MECHANICAL PROPERTIES

Operating Temp	Weight
neg 80C to 200C	91 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
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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