

Item # M17/152-00001, MIL-C-17 coaxial and twinaxial cables

勝 特 力 材 料 886-3-5753170
胜特力电子(上海) 86-21-54151736
胜特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)



MIL-C-17 coaxial and twinaxial cables

Thermax/CDT Mil-C-17 cables are constructed with either solid or stranded silver plated conductors insulated with an extruded PTFE (polytetrafluoroethylene) dielectric. The outstanding electrical and mechanical properties of PTFE over a broad range of temperatures and frequencies make these Thermax/CDT coaxial cables the standard for a wide range of military and commercial applications.

SPECIFICATIONS

Conductor Diameter - inches (mm)	.020 (.159)
Conductor Type	7/0067 SPCW (Silver-plated copperweld (copper-covered steel)
Impedance	50Ω
Max. Working Voltage	1,100
Jacket Diameter - inches (mm)	.114 (2.90)
Capacitance (pF/ft)	32.0 (105)
Weight - pounds/1000 feet (Kg/1000 M)	15.7 (23.4)
Attenuation @ 100 MHz (dB/100 ft.)	15.0
Attenuation @ 1 GHz (dB/100 ft.)	40.0
Attenuation @ 400 MHz (dB/100 ft.)	24.0
Insulation Diameter - inches (mm)	.060 (1.52)
Jacket Type	Extruded FEP (Fluorinated Ethylene Propylene)
Insulation Type	Extruded PTFE (polytetrafluoroethylene)
Braid Type	Double 38 SPC (Silver-plated copper)
Braid Diameter - inches (mm)	.096 (2.44)
Max. Conductor Resistance - Ohm/100 ft. (ohm/100 meters)	8.41 (27.6)

Min. Dielectric Strength - KV RMS	2.00
Min. Corona Extinction - KV RMS	1.20
Max. Power @ 100 MHz (Watts)	425
Max. Power @ 400 MHz (Watts)	210
Max. Power @ 1 GHz (Watts)	130
Thermax Type	S50-7/0067CSSXE
Cable Type	Coaxial

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