



MIL-C-17 coaxial and twinaxial cables

Item Number : M17/113-RG316

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.

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Specifications

Conductor Diameter - inches (mm)	.020 (.159)
Conductor Type	Solid SPCW (Silver-plated copperweld (copper-covered steel))
Impedance	500
Max. Working Voltage	900
Jacket Diameter - inches (mm)	.098 (2.49)
Capacitance (pF/ft)	32.0 (105)
Weight - pounds/1000 feet (Kg/1000 M)	9.89 (14.7)
Attenuation @ 100 MHz (dB/100 ft.)	11.0
Attenuation @ 1 GHz (dB/100 ft.)	38.0
Attenuation @ 400 MHz (dB/100 ft.)	21.0
Insulation Diameter - inches (mm)	.060 (1.52)
Jacket Type	Extruded FEP (Fluorinated Ethylene Propylene)
Insulation Type	Extruded PTFE (polytetrafluoroethylene)
Braid Type	Single 38 SPC (Silver-plated copper)
Braid Diameter - inches (mm)	.078 (1.98)
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)	430
Max. Power @ 400 MHz (Watts)	210
Max. Power @ 1 GHz (Watts)	130
Thermax Type	RGS-316
Cable Type	coaxial