

Thermax

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Website: <http://www.thermaxcdt.com>**Item # M17/176-00002, MIL-C-17 coaxial and twinaxial cables****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)	.024 (.241)
Conductor Type	SPTF (Silver-plated high-strength copper alloy)
Impedance	77Ω
Max. Working Voltage	750
Jacket Diameter - inches (mm)	.125 (3.18)
Capacitance (pF/ft)	24.0 (78.7)
Weight - pounds/1000 feet (Kg/1000 M)	15.8 (23.5)
Attenuation @ 1 GHz (dB/100 ft.)	1.4
Insulation Diameter - inches (mm)	.042 (1.07)
Jacket Type	Extruded PFA (Perfluoroalkoxy)
Insulation Type	Extruded PTFE (Polytetrafluoroethylene)
Braid Type	Single 38 SPC (Silver-plated copper)
Braid Diameter - inches (mm)	.100 (2.54)
Max. Conductor Resistance - Ohm/100 ft. (ohm/100 meters)	2.84 (9.32)
Min. Dielectric Strength - KV RMS	1.00
Thermax Type	77-1936TF(2) TFPA

Cable Type	twinax
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