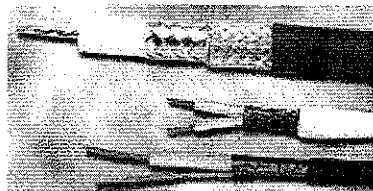


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All Categories > High-Performance Coaxial Cables > MIL-C-17 coaxial and twinaxial cables > Item # M17/110-RG302

Item # M17/110-RG302, MIL-C-17 coaxial and twinaxial cables



[larger image](#)

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)	.025 (.324)
Conductor Type	Solid SPCW (Silver-plated copperweld (copper-covered steel))
Impedance	75Ω
Max. Working Voltage	1,700
Jacket Diameter - inches (mm)	.202 (5.13)
Capacitance (pF/ft)	22.0 (72.2)
Weight - pounds/1000 feet (Kg/1000 M)	37.7 (56.1)
Attenuation @ 400 MHz (dB/100 ft.)	8.0
Insulation Diameter - inches (mm)	.146 (3.71)
Jacket Type	Extruded FEP (Fluorinated Ethylene Propylene)
Insulation Type	Extruded PTFE (Polytetrafluoroethylene)
Braid Type	Single 36 SPC (Silver-plated copper)
Braid Diameter - inches (mm)	.168 (4.27)
Max. Conductor Resistance - Ohm/100 ft. (ohm/100 meters)	4.40 (14.4)
Min. Dielectric Strength - KV RMS	3.50
Min. Corona Extinction - KV RMS	2.30
Max. Power @ 400 MHz (Watts)	1,700
Max. Power @ 1 GHz (Watts)	800
Thermax Type	RGU-302
Cable Type	Coaxial

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