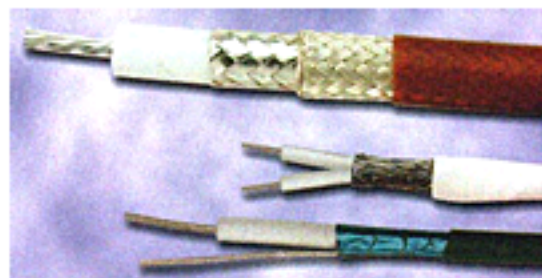


Thermax
501 Pennsylvania Parkway, Suite 100, Indianapolis,IN
46280,US
Phone: 800-423-5873
Email: sales.thermax@thermaxcdt.com
Website: http://www.thermaxcdt.com

[All Categories](#) > [High-Performance Coaxial Cables](#) > [MIL-C-17 coaxial and twinaxial cables](#) > Item # M17/094-RG179

Item # M17/094-RG179, MIL-C-17 coaxial and twinaxial cables



[larger image](#)

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)	.012 (.057)
Conductor Type	7/38 SPCW (Silver-plated copperweld (copper-covered steel)
Impedance	75Ω
Max. Working Voltage	900
Jacket Diameter - inches (mm)	.100 (2.54)
Capacitance (pF/ft)	23.0 (75.4)
Weight - pounds/1000 feet (Kg/1000 M)	9.83 (14.6)
Attenuation @ 400 MHz (dB/100 ft.)	21.0
Insulation Diameter - inches (mm)	.063 (2.06)
Jacket Type	Extruded FEP (Fluorinated Ethylene Propylene)
Insulation Type	Extruded PTFE (polytetrafluoroethylene)
Braid Type	Single 38 SPC (Silver-plated copper)
Braid Diameter - inches (mm)	.081 (2.06)
Max. Conductor Resistance - Ohm/100 ft. (ohm/100 meters)	24.5 (80.2)
Min. Dielectric Strength - KV RMS	2.00
Min. Corona Extinction - KV RMS	1.20
Max. Power @ 100 MHz (Watts)	880
Max. Power @ 400 MHz (Watts)	420
Max. Power @ 1 GHz (Watts)	260
Thermax Type	RGU-179
Cable Type	Coaxial