



M17/093-RG178

Technical Specification

Image not found

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MIL-DTL-17 coaxial and twinaxial cables are constructed with silver plated conductors insulated with an extruded PTFE dielectric. The outstanding electrical and mechanical properties of PTFE over a broad range of temperatures and frequencies make these coaxial cables the standard for a wide range of military and commercial applications.

1st shield Diameter (in)	.051
1st shield Diameter (mm)	1.3
1st Shield material	round silver plated copper braid
Competitors Part Number	RG178
Conductor Diameter Max (mm)	0.306
Conductor Diameter Min (mm)	0.012
Conductor Material	Silver Plated Copper Weld
Conductor resistance (ohms/1000ft)	802
Conductor resistance (ohms/1000m)	245
Conductor size (awg)	30
Diameter over insulation - Min. Inch	0.033
Diameter over insulation - Min. (mm)	0.838
Insulation Material	PTFE
Jacket diameter (in)	0.071
Jacket diameter (mm)	1.8
Jacket Material	FEP
Maximum Temperature °C	200
Minimum Temperature °C	-55
Number of cores	1
Specification	MIL-DTL-17
Stranding (awg)	7/0.004
Stranding (metric)	7/1.102
Voltage (volts)	1000
Weight (kg/km)	9.38
Weight (lbs/kft)	6.3
Impedance (ohms)	50
Capacitance (pF/m)	96.46
Capacitance (pF/ft)	29.4

For technical assistance or to order this product please contact Giatech on:
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