



M17/111-RG303

Technical Specification

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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)	0.138
1st shield Diameter (mm)	3.51
1st Shield material	round silver plated copper braid
Competitors Part Number	RG303
Conductor Diameter Min (in)	0.037
Conductor Diameter Min (mm)	0.94
Conductor Material	Silver Plated Copper Weld
Conductor resistance (ohms/1000ft)	19
Conductor resistance (ohms/1000m)	62.3
Diameter over insulation - Min. Inch	0.116
Diameter over insulation - Min. (mm)	2.95
Insulation Material	PTFE
Jacket diameter (in)	0.17
Jacket diameter (mm)	4.32
Jacket Material	FEP
Maximum Temperature °C	200
Minimum Temperature °C	-55
Number of cores	1
Specification	MIL-DTL-17
Stranding (awg)	1/0.037
Stranding (metric)	1/0.94
Voltage (volts)	1900
Weight (kg/km)	46.19
Weight (lbs/kft)	31
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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