



M17/112-RG304

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)	0.24
1st shield Diameter (mm)	6.1
1st Shield material	Double round silver plated copper braid
Competitors Part Number	RG304
Conductor Diameter Min (in)	0.059
Conductor Diameter Min (mm)	1.5
Conductor Material	Silver Plated Copper Weld
Conductor resistance (ohms/1000ft)	8
Conductor resistance (ohms/1000m)	26.2
Diameter over insulation - Min. Inch	0.185
Diameter over insulation - Min. (mm)	4.7
Insulation Material	PTFE
Jacket diameter (in)	0.28
Jacket diameter (mm)	7.11
Jacket Material	FEP
Maximum Temperature °C	200
Minimum Temperature °C	-55
Number of cores	1
Stranding (awg)	1/0.059
Stranding (metric)	1/1.5
Voltage (volts)	3000
Weight (kg/km)	140
Weight (lbs/kft)	94
Impedance (ohms)	50
Capacitance (pF/m)	96.46
Capacitance (pF/ft)	27.4

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