



**M17/152-00001**

**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)	0.096
1st shield Diameter (mm)	2.44
1st Shield material	Double round silver plated copper braid
Competitors Part Number	RD316
Conductor Diameter Min (in)	0.02
Conductor Diameter Min (mm)	0.159
Conductor Material	Silver Plated Copper Weld
Conductor resistance (ohms/1000ft)	84.1
Conductor resistance (ohms/1000m)	276
Diameter over insulation - Min. Inch	0.06
Diameter over insulation - Min. (mm)	1.52
Insulation Material	PTFE
Jacket diameter (in)	0.114
Jacket diameter (mm)	2.9
Jacket Material	FEP
Maximum Temperature °C	200
Minimum Temperature °C	-55
Number of cores	1
Specification	MIL-DTL-17
Stranding (awg)	7/0.0067
Stranding (metric)	7/0.17
Voltage (volts)	1200
Weight (kg/km)	27.56
Weight (lbs/kft)	18.5
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:  
Tel: +44 (0) 1202 890975 Email: info@giatech.eu

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