



## M17/128-RG400

### Technical Specification

Image not found

<http://www.giatech.eu/wp-content/uploads/2014/05/MIL-C-17>

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)	0.156
1st shield Diameter (mm)	3.96
1st Shield material	Double round silver plated copper braid
Competitors Part Number	RG400
Conductor Diameter Min (in)	0.038
Conductor Diameter Min (mm)	0.96
Conductor Material	Silver plated copper
Conductor resistance (ohms/1000ft)	9.1
Conductor resistance (ohms/1000m)	29.8
Conductor size (awg)	20
Diameter over insulation - Min. Inch	0.116
Diameter over insulation - Min. (mm)	2.95
Insulation Material	PTFE
Jacket diameter (in)	0.195
Jacket diameter (mm)	4.95
Jacket Material	FEP
Maximum Temperature °C	200
Minimum Temperature °C	-55
Number of cores	1
Specification	MIL-DTL-17
Stranding (awg)	19/0.008
Stranding (metric)	19/0.203
Voltage (volts)	1900
Weight (kg/km)	74.5
Weight (lbs/kft)	50
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](mailto:info@giatech.eu)

Giatech has a policy of continuous product improvement and reserves the right to change technical specifications at any time without prior notice. Therefore, before ordering this product, please contact us to check you have the latest specifications for this product.

*Giatech offers in excess of 300 specialist standard products for applications in Airframe, Airborne Data, Mil Spec, Hookup / Equipment Wire, RF / Coaxial, Telecomms / Data and Aerospace Special Application. We also provide a Custom Cable Design service for your unique applications.*

*For full details go to [www.giatech.eu](http://www.giatech.eu)*

Rendered: September 15, 2015, 5:08 pm  
[www.giatech.eu](http://www.giatech.eu)