



M17/095-RG180

Technical Specification

Image not found

M17/095-RG180

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) | 0.12 |
| 1st shield Diameter (mm) | 3.05 |
| 1st Shield material | round silver plated copper braid |
| Competitors Part Number | RG180 |
| Conductor Diameter Min (in) | 0.012 |
| Conductor Diameter Min (mm) | 0.306 |
| Conductor Material | Silver Plated Copper Weld |
| Conductor resistance (ohms/1000ft) | 245 |
| Conductor resistance (ohms/1000m) | 802 |
| Conductor size (awg) | 30 |
| Diameter over insulation - Min. Inch | 0.102 |
| Diameter over insulation - Min. (mm) | 2.59 |
| Insulation Material | PTFE |
| Jacket diameter (in) | 0.141 |
| Jacket diameter (mm) | 3.58 |
| 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) | 7/0.102 |
| Voltage (volts) | 1500 |
| Weight (kg/km) | 29.5 |
| Weight (lbs/kft) | 19.8 |
| Impedance (ohms) | 95 |
| Capacitance (pF/m) | 57.1 |
| Capacitance (pF/ft) | 17.4 |

For technical assistance or to order this product please contact Giatech on:
Tel: +44 (0) 1202 890975 Email: 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

Rendered: September 15, 2015, 5:08 pm
www.giatech.eu