



**27500-  
18TG3T14**

**Technical Specification**

27500 TG cables are shielded and jacketed cables with extruded ETFE (ethylene tetrafluoroethylene) jackets, incorporating AS22759/18 wires.

Conductor size (awg)	18
Stranding (awg)	19/30
Conductor Material	Tin Plated Copper
Conductor Diameter Min (mm)	1.19
Conductor Diameter Min (in)	0.047
Conductor resistance (ohms/1000m)	20.4
Conductor resistance (ohms/1000ft)	6.23
Insulation Material	ETFE
Diameter over insulation - Max. (mm)	1.60
Diameter over insulation - Min. (mm)	1.50
Diameter over insulation - Max. (inch)	0.063
Diameter over insulation - Min. Inch	0.059
Number of cores	3
1st Shield material	Tin Plated Copper Braid
1st shield Diameter (mm)	3.74
1st shield Diameter (in)	0.147
Jacket Material	ETFE
Jacket diameter (mm)	4.29
Jacket diameter (in)	0.169
Minimum Temperature °C	-55
Maximum Temperature °C	150
Voltage (volts)	600
Specification	NEMA AS27500

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](http://www.giatech.eu)*

Rendered: September 15, 2015, 5:07 pm  
[www.giatech.eu](http://www.giatech.eu)