



**27500-  
18TG1T14**

**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	1
1st Shield material	Tin Plated Copper Braid
1st shield Diameter (mm)	1.96
1st shield Diameter (in)	0.077
Jacket Material	ETFE
Jacket diameter (mm)	2.46
Jacket diameter (in)	0.097
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:  
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