



# 27500-16TG1T14

## Technical Specification

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

Conductor size (awg)	16
Stranding (awg)	19/29
Conductor Material	Tin Plated Copper
Conductor Diameter Min (mm)	1.35
Conductor Diameter Min (in)	0.053
Conductor resistance (ohms/1000m)	15.8
Conductor resistance (ohms/1000ft)	4.81
Insulation Material	ETFE
Diameter over insulation - Max. (mm)	1.83
Diameter over insulation - Min. (mm)	1.73
Diameter over insulation - Max. (inch)	0.072
Diameter over insulation - Min. Inch	0.068
Number of cores	1
1st Shield material	Tin Plated Copper Braid
1st shield Diameter (mm)	2.18
1st shield Diameter (in)	0.086
Jacket Material	ETFE
Jacket diameter (mm)	2.69
Jacket diameter (in)	0.106
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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