



**27500-
12TG3T14**

Technical Specification

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

Conductor size (awg)	12
Stranding (awg)	37/28
Conductor Material	Tin Plated Copper
Conductor Diameter Min (mm)	2.18
Conductor Diameter Min (in)	0.086
Conductor resistance (ohms/1000m)	6.63
Conductor resistance (ohms/1000ft)	2.02
Insulation Material	ETFE
Diameter over insulation - Max. (mm)	2.80
Diameter over insulation - Min. (mm)	2.64
Diameter over insulation - Max. (inch)	0.110
Diameter over insulation - Min. Inch	0.104
Number of cores	3
1st Shield material	Tin Plated Copper Braid
1st shield Diameter (mm)	6.25
1st shield Diameter (in)	0.246
Jacket Material	ETFE
Jacket diameter (mm)	6.99
Jacket diameter (in)	0.275
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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