

## GS22759-16

## Tin Coated Copper Wire with Extruded ETFE Insulation

MIL-SPEC

HOW TO ORDER						
Sample Part Number	GS22759-16	-24	-9	0	1	2
Basic Part Number	GS22759-16					
Wire Size	See Table I					
Jacket Color Code	See Table II					
First Stripe Color Code	(Omit for none) See Table II					
Second Stripe Color Code	(Omit for none) See Table II					
Third Stripe Color Code	(Omit for none) See Table II					

## NOTES

1. Wire is made in accordance with AS22759/16.
2. Conductor is tin coated copper per AS29606.
3. Insulation is ETFE (ethylene-tetrafluoroethylene).
4. Wire maximum continuous temperature rating is 150°C (302°F).
5. Voltage rating is 600 volts (RMS) at sea level.
6. Color code per MIL-STD-681. See MIL-STD-681 for additional wire Color codes. Jacket Color code must be white (9) if adding color stripes.
7. Consult factory for custom stripe color order.

Small Diameter Tin-Coated Stranded Copper Conductor      Insulation-ETFE (Ethylene-Tetrafluoroethylene Copolymer)

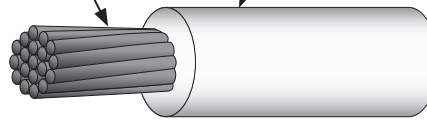


Table I: Part Number and Wire Specifications							
Part Number	Wire Size	Stranding (Number of strands x size gage of strands)	Diameter of stranded conductor (inches)		Finished Wire		
			min	max	Resistance at 20° C (68° F) (Ohms/1000 ft) max	Diameter (inches)	Weight (lbs/1000 ft) max
GS22759-16-24-*	24	19 X 36	0.0225	0.0244	26.2	.045±.002	2.57
GS22759-16-22-*	22	19 X 34	0.0285	0.0314	16.2	.052±.002	3.68
GS22759-16-20-*	20	19 X 32	0.0365	0.0394	9.88	.060±.002	5.36
GS22759-16-18-*	18	19 X 30	0.0455	0.0494	6.23	.071±.002	7.89
GS22759-16-16-*	16	19 X 29	0.0515	0.0554	4.81	.079±.002	9.95
GS22759-16-14-*	14	19 X 27	0.0645	0.0694	3.06	.093±.002	14.9
GS22759-16-12-*	12	37 X 28	0.0835	0.0894	2.02	.114±.003	22.6
GS22759-16-10-*	10	37 X 26	0.106	0.112	1.26	.139±.003	35.1
GS22759-16-8-*	8	133 X 29	0.158	0.169	0.701	.199±.003	66.7

Table II: Jacket and Stripe Color Codes

Color code	Color
0	Black
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Violet
8	Gray
9	White