

GS22759-57

Nickel-Coated Extra High-Strength Copper Conductor, Crosslinked Modified ETFE

FEATURES

- Order with Mod Code 1304B for wire supplied with 80 microinch-thick silver plating for red plague mitigation in space applications

NOTES

- Wire is made in accordance with AS22759/57.
- Conductor silver-coated high-strength copper per AS29606
- Insulation is crosslinked modified ETFE
- Voltage rating is 600 VRMS at sea level
- Temperature rating is 200°C (392°F) max. continuous
- 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.
- Consult factory for custom stripe color order.

HOW TO ORDER							
Sample Part Number	GS22759-57	-24	-9	0	1	2	
Basic Part Number	GS22759-57						
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						

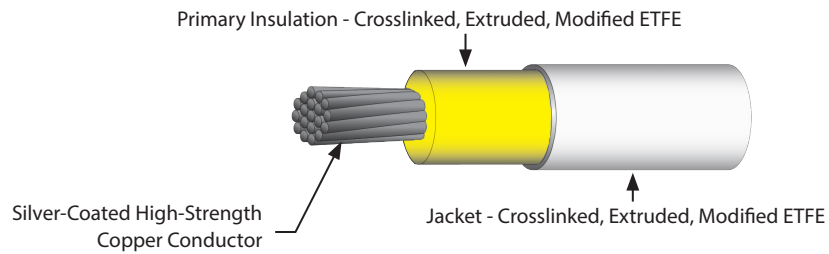


Table I: Part Number and Wire Specifications							
Part Number	Wire Size	Stranding (Number of strands x size gage of strands)	Diameter of stranded conductor (inches)		Finished Wire		
			min	max	Resistance at 20° C (68° F) (Ohms/1000 ft) max	Diameter (inches)	Weight (lbs/1000 ft) max
GS22759-57-30-*	30	7 X 38	0.0117	0.0134	129.6	.032±.002	1.00
GS22759-57-28-*	28	7 X 36	0.0147	0.0164	79.0	.035±.002	1.30
GS22759-57-26-*	26	19 X 38	0.0184	0.0204	49.4	.040±.002	1.70
GS22759-57-24-*	24	19 X 36	0.0231	0.0254	30.1	.045±.002	2.30
GS22759-57-22-*	22	19 X 34	0.0293	0.0314	18.6	.050±.002	3.30
GS22759-57-20-*	20	19 X 32	0.0373	0.0404	11.4	.058±.002	4.80

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