

GS22759-51 Low-Fluoride

Silver-Coated High-Strength Copper Wire, Lightweight XL-ETFE Insulation

FEATURES

- Low-fluoride wire is ideal for white plague mitigation in space applications
- 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 AS22759/51.
- Conductor silver-coated high-strength copper per AS29606
- Insulation is crosslinked modified ETFE, low fluoride
- 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.

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

HOW TO ORDER

Sample Part Number	GS22759-51	-24	-9	0	1	2	-1304B
Basic Part Number	GS22759-52						
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						
Red Plague Control Mod Code	-1304B wire supplied with 80 microinch thick silver plating IAW ASTM B298 Omit for none						

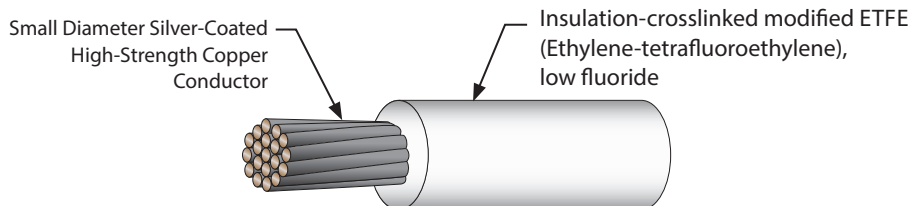


Table I: Part Number and Wire Specifications

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
GS22759-51-30-*	30	7 X 38	0.0105	0.0124	117.4	.024±.002	0.66
GS22759-51-28-*	28	7 X 36	0.0135	0.0164	74.4	.027±.002	0.91
GS22759-51-26-*	26	19 X 38	0.0175	0.0204	44.8	.032±.002	1.4
GS22759-51-24-*	24	19 X 36	0.0225	0.0254	28.4	.037±.002	2.0
GS22759-51-22-*	22	19 X 34	0.0285	0.0314	17.5	.043±.002	2.9
GS22759-51-20-*	20	19 X 32	0.0365	0.0394	10.7	.050±.002	4.4