

GS22759-51 Silver-Coated Wire, Low-Fluoride Copper Conductor, Modified 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 is type SCA1, 40 microinch silver-coated high-strength copper alloy per SAE-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.
- Consult factory for custom stripe color order.

HOW TO ORDER

Sample Part Number	GS22759-51	-24	-9	0	1	2	-1304B
Basic Part Number	GS22759-51						
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						

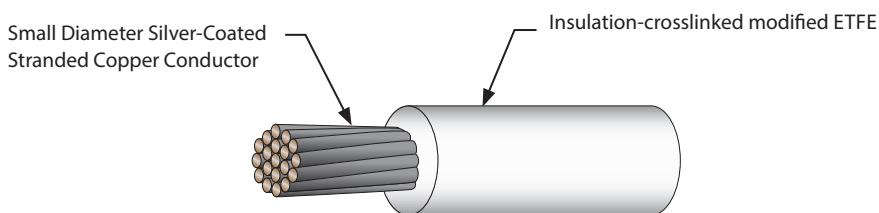


Table II: Jacket and Stripe Color Codes

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

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	0.011	0.012	117.4	.024 ± .002	0.66
GS22759-51-28-*	28	7 X 36	0.014	0.015	74.4	.027 ± .002	0.91
GS22759-51-26-*	26	19 X 38	0.018	0.020	44.8	.032 ± .002	1.4
GS22759-51-24-*	24	19 X 36	0.023	0.024	28.4	.037 ± .002	2.0
GS22759-51-22-*	22	19 X 34	0.029	0.031	17.5	.043 ± .002	2.9
GS22759-51-20-*	20	19 X 32	0.037	0.039	10.7	.050 ± .002	4.4