

BETTER-THAN-QPL Aerospace-Grade Hook-Up Wire

MIL-STAR
HIGH-PERFORMANCE HOOKUP WIRE AND CABLE

GS22759-52 Low-Fluoride

Silver-Coated Copper Wire with Modified XL-ETFE Insulation

MIL-STAR

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 AS22759/52.
- Conductor is 40 microinch silver-coated annealed copper 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. Jacket color code must be white (9) if adding color stripes.
- Consult factory for custom stripe color order.

HOW TO ORDER							
Sample Part Number	GS22759-52	-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						

Small Diameter Silver-Coated
Stranded Copper Conductor

Insulation-crosslinked modified ETFE

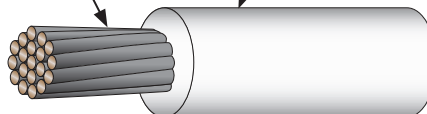


Table II: Jacket and Stripe Color Codes

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
GS22759-52-30-*	30	7 X 38	0.011	0.012	100.7	.024 ± .002	0.66
GS22759-52-28-*	28	7 X 36	0.014	0.015	63.8	.027 ± .002	0.91
GS22759-52-26-*	26	19 X 38	0.018	0.019	38.4	.032 ± .002	1.4
GS22759-52-24-*	24	19 X 36	0.023	0.024	24.3	.037 ± .002	2.0
GS22759-52-22-*	22	19 X 34	0.029	0.030	15.1	.043 ± .002	2.8
GS22759-52-20-*	20	19 X 32	0.037	0.038	9.19	.050 ± .002	4.3
GS22759-52-18-*	18	19 X 30	0.046	0.048	5.79	.060 ± .002	6.5
GS22759-52-16-*	16	19 X 29	0.052	0.054	4.52	.068 ± .002	8.3
GS22759-52-14-*	14	19 X 27	0.065	0.068	2.88	.085 ± .003	13.0
GS22759-52-12-*	12	37 X 28	0.084	0.087	1.90	.103 ± .003	19.7