Aerospace-Grade Hook-Up Wire

MIL-STAR™
HIGH-PERFORMANCE HOOKUP WIRE AND CABLE

GS22759-56

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

HOW TO ORDER

Sample Part Number	GS22759-56	-24	-9	0	1	2
Basic Part Number	GS22759-56					
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					

FEATURES

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

NOTES

1. Wire is made in accordance with AS22759/56.
2. Conductor silver-coated high-strength copper per AS29606
3. Insulation is crosslinked modified ETFE
4. Voltage rating is 600 VRMS at sea level
5. Temperature rating is 200°C (392°F) max. continuous
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.

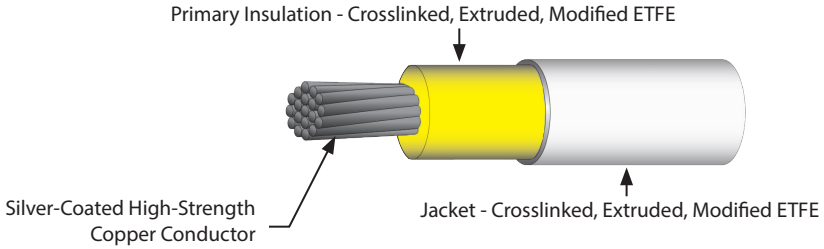

Table I: Part Number and Wire Specifications

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
GS22759-56-30-*	30	7 X 38	0.0117	0.0124	117.4	.032±.002	1.00
GS22759-56-28-*	28	7 X 36	0.0147	0.0154	74.4	.035±.002	1.20
GS22759-56-26-*	26	19 X 38	0.0184	0.0204	44.8	.040±.002	1.70
GS22759-56-24-*	24	19 X 36	0.0231	0.0244	28.4	.045±.002	2.30
GS22759-56-22-*	22	19 X 34	0.0293	0.0314	17.5	.050±.002	3.30
GS22759-56-20-*	20	19 X 32	0.0373	0.0395	10.7	.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

© 2026 Glenair, Inc • 1211 Air Way, Glendale, CA 91201 • 818-247-6000 • www.glenair.com • U.S. CAGE code 06324 •
Glenair Signature Wire and Cable · Dimensions in Inches (millimeters) are subject to change without notice.