

**GS22759-58**

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

MIL-STAR

**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 AS22759/58.
- 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						
<b>Sample Part Number</b>	GS22759-58	-24	-9	0	1	2
<b>Basic Part Number</b>	GS22759-58					
<b>Wire Size</b>	See Table I					
<b>Jacket Color Code</b>	See Table II					
<b>First Stripe Color Code</b>	(Omit for none) See Table II					
<b>Second Stripe Color Code</b>	(Omit for none) See Table II					
<b>Third Stripe Color Code</b>	(Omit for none) See Table II					

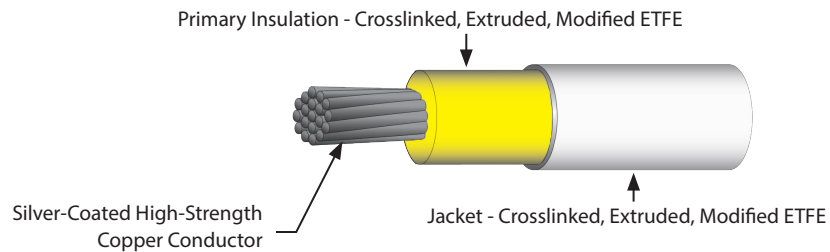


Table I: Part Number and Wire Specifications							
Part Number	Wire Size	Stranding (Number of strands x size gage of strands)	Diameter of stranded conductor (inches)		Finished Wire		
			min	max	Resistance at 20° C (68° F) (Ohms/1000 ft) max	Diameter (inches)	Weight (lbs/1000 ft) max
GS22759-58-30*	30	7 X 38	0.0117	0.0134	117.4	.032±.002	1.00
GS22759-58-28*	28	7 X 36	0.0147	0.0164	74.4	.035±.002	1.20
GS22759-58-26*	26	19 X 38	0.0184	0.0204	44.8	.040±.002	1.70
GS22759-58-24*	24	19 X 36	0.0231	0.0254	28.4	.045±.002	2.30
GS22759-58-22*	22	19 X 34	0.0293	0.0314	17.5	.050±.002	3.30
GS22759-58-20*	20	19 X 32	0.0373	0.0404	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