

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

GS22759-42

Nickel-Coated High-Strength Copper Wire, Dual-Wall with XL-ETFE Insulation

MIL-STAR

NOTES

1. Wire is made in accordance with AS22759/42.
2. Conductor is nickel-coated high-strength copper per AS29606.
3. Insulation is crosslinked modified ETFE.
4. Wire maximum continuous temperature rating is 200°C (392°F).
5. Voltage rating is 600 volts (RMS) at sea level.
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.

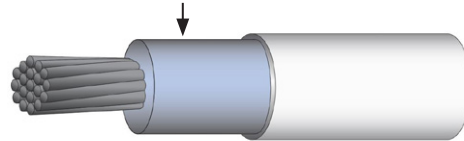
Table II: Jacket and Stripe Color Codes

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	GS22759-42	-24	-9	0	1	2
Basic Part Number	GS22759-42					
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					

Primary Insulation - Crosslinked, Extruded, Modified ETFE



Jacket - Crosslinked, Extruded, Modified ETFE

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
GS22759-42-26-*	26	19 X 38	0.0175	0.0204	49.4	.040±.002	1.7
GS22759-42-24-*	24	19 X 36	0.0225	0.0254	30.1	.045±.002	2.3
GS22759-42-22-*	22	19 X 34	0.0285	0.0314	18.6	.050±.002	3.3
GS22759-42-20-*	20	19 X 32	0.0365	0.0404	11.4	.058±.002	4.8