

# Data Transmission Wire

## GS22759-46

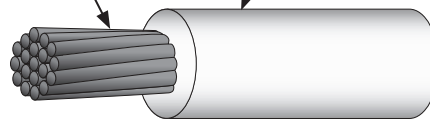
Nickel Coated Wire, High-Strength Copper Conductor, Lightweight Crosslinked ETFE Insulated

HOW TO ORDER						
<b>Sample Part Number</b>	GS22759-46	-24	-9	0	1	2
<b>Basic Part Number</b>	GS22759-46					
<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					

### NOTES

1. Wire is made in accordance with AS22759/46.
2. Conductor is nickel coated high strength copper per AS29606.
3. Insulation is crosslinked modified ETFE (ethylene-tetrafluoroethylene).
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.
7. Consult factory for custom stripe color order.

Small Diameter Tin-Coated Stranded Copper Conductor      Insulation-Crosslinked Modified ETFE (Ethylene-Tetrafluoroethylene)



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
GS22759-46-28*	28	7 X 36	0.0135	0.0164	79.0	.027±.002	0.91
GS22759-46-26*	26	19 X 38	0.0175	0.0204	49.4	.032±.002	1.4
GS22759-46-24*	24	19 X 36	0.0225	0.0254	30.1	.037±.002	2.0
GS22759-46-22*	22	19 X 34	0.0285	0.0314	18.6	.043±.002	2.9
GS22759-46-20*	20	19 X 32	0.0365	0.0394	11.4	.050±.002	4.4

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