

High-Voltage Wire

967-048

Nickel-Coated Wire, 1000V Copper Conductor, PFA Insulation

NOTES

- Materials:
 - Conductor: nickel-coated annealed copper per SAE-AS29606
 - Insulation: PFA (perfluoroalkoxy)
- Performance:
 - Temperature rating: 260°C (500°F) max continuous
- Color code per MIL-STD-681. See MIL-STD-681 for additional wire color codes
- Consult factory for custom stripe color options
- Mark with Glenair, part number, CAGE 06324

HOW TO ORDER							
Sample Part Number	967-048	-24	-1	-9	0	1	2
Basic Part Number	967-048 Nickel-Coated Wire, Copper Conductor, PFA Insulation						
Wire Size	See Table I						
Voltage Rating	1 = 600 Volts 2 = 1000 Volts						
Insulation 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						

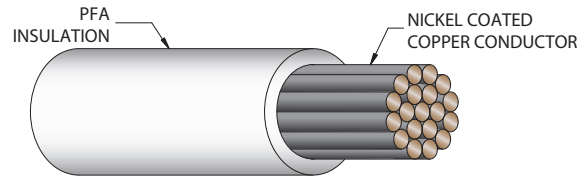


Table II: Insulation and Stripe Color Codes	
Color code	Color
0	Black
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Violet
8	Gray
9	White

Table 1: Construction Details									
Part Number	Wire Size	Stranding (Number Of Strands X Size Gage Of Strands)	Diameter Of Stranded Conductor (Inches)		Max Resistance At 20°C (68°F) (Ohms/1000 Feet)	Finished Wire			
			(Min)	(Max)		600 Volts		1000 Volts	
						Diameter (Inches)	Max Weight (Lb/1000 Feet)	Diameter (Inches)	Max Weight (Lb/1000 Feet)
967-048-24-*	24	19 X 36	0.023	0.024	25.9	.045 ± .002	2.79	.053 ± .003	3.51
967-048-22-*	22	19 X 34	0.029	0.031	16.0	.050 ± .002	3.72	.061 ± .003	4.81
967-048-20-*	20	19 X 32	0.037	0.039	9.77	.058 ± .002	5.39	.072 ± .003	6.97
967-048-18-*	18	19 X 30	0.046	0.049	6.10	.070 ± .003	8.20	.082 ± .003	9.68
967-048-16-*	16	19 X 29	0.052	0.055	4.76	.077 ± .003	10.08	.096 ± .003	12.73
967-048-14-*	14	19 X 27	0.065	0.069	3.00	.094 ± .003	15.34	.116 ± .004	19.23
967-048-12-*	12	37 X 28	0.084	0.089	1.89	.111 ± .003	22.17	.137 ± .006	27.98
967-048-10-*	10	37 X 26	0.106	0.112	1.24	.134 ± .004	35.09	.171 ± .008	45.22
967-048-8-*	8	133 X 29	0.158	0.169	0.694	.195 ± .008	66.66	.205 ± .010	70.57
967-048-6-*	6	133 X 27	0.198	0.215	0.436	.241 ± .010	102.75	.242 ± .011	103.54
967-048-4-*	4	133 X 25	0.250	0.268	0.275	.310 ± .010	165.31	.323 ± .013	173.49
967-048-2-*	2	665 X 30	0.320	0.340	0.177	.383 ± .016	264.28	.387 ± .014	265.53
967-048-1-*	1	817 X 30	0.360	0.380	0.144	.423 ± .016	329.21	.441 ± .015	341.07
967-048-01-*	01	1045 X 30	0.395	0.425	0.113	.463 ± .016	396.23	.510 ± .016	433.06
967-048-02-*	02	1330 X 30	0.440	0.475	0.089	.523 ± .016	484.56	.564 ± .018	540.14
967-048-03-*	03	1665 X 30	0.500	0.540	0.071	.590 ± .022	615.09	.626 ± .020	648.44
967-048-04-*	04	2109 X 30	0.565	0.605	0.056	.670 ± .024	778.61	.707 ± .022	817.44