Military Hook-up Wire

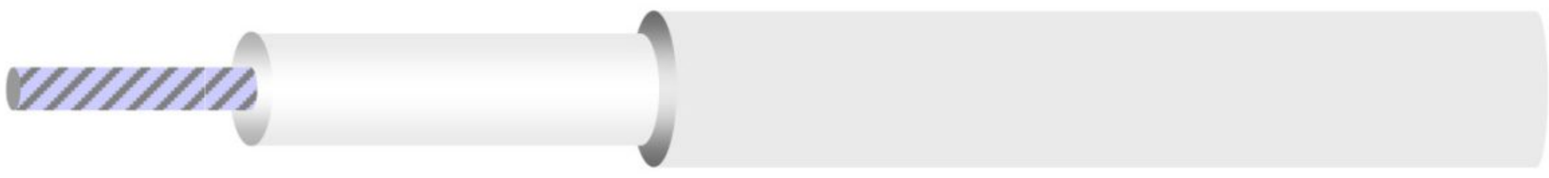
LGM81044/9

- Rating : 150℃ conductor temperature, 600 volt, Medium Weight Wall
- Standard : MIL-W-81044/9

Application

This dual layer, lightweight, high temperature wire offers outstanding performance that makes it suitable for many high density cabling and harnessing are required. Besides offering size and weight advantage, these wires have excellent resistance to cut through, abrasion, shrink back and common chemicals. This wire should be considered for airframe, military vehicle, shipboard, and other electronic applications.

Construction and characteristics



Conductor Soft annealed tinned copper

Insulation Crosslinked Extruded Polyalkene

Jacket Clear irradiation cross-linked extruded Polyvinylidene Fluoride (PVdF).

Wire Description

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Conductor Size　Color

0=black, 1=brown, 2=red, 3=orange, 4=yellow,
5=green, 6=blue, 7=violet, 8=gray, 9=white

	Conductor				Finished Wire		
	Size	Stranding	Strand Diameter (mm)				
LSC Part Number	AWG	No. x AWG	Min.	Max.	Max. Conductor Resistance (ohm/km)	Outer Diameter (㎜)	Max. wt (kg/km)
LGM81044/9-24-*	24	19 x 36	0.585	0.660	85.96	1.33 ~ 1.42	4.02
LGM81044/9-22-*	22	19 x 34	0.737	0.838	53.15	1.50 ~ 1.65	5.80
LGM81044/9-20-*	20	19 x 32	0.940	1.041	32.41	1.71 ~ 1.85	8.18
LGM81044/9-18-*	18	19 x 30	1.169	1.295	20.44	1.96 ~ 2.10	11.90
LGM81044/9-16-*	16	19 x 29	1.321	1.473	15.78	2.16 ~ 2.36	15.03
LGM81044/9-14-*	14	19 x 27	1.651	1.854	10.04	2.65 ~ 2.84	23.06
LGM81044/9-12-*	12	37 x 28	2.134	2.286	6.63	3.10 ~ 3.30	34.22
LGM81044/9-10-*	10	37 x 26	2.693	2.895	4.13	3.81 ~ 4.06	53.12
LGM81044/9-8-*	8	133 x 29	4.014	4.394	2.30	5.29 ~ 5.58	93.45
LGM81044/9-6-*	6	133 x 27	5.030	5.511	1.46	6.53 ~ 6.88	147.76
LGM81044/9-4-*	4	133 x 25	6.350	6.959	0.92	7.93 ~ 8.33	227.66
LGM81044/9-2-*	2	665 x 30	8.128	8.636	0.60	9.86 ~ 10.46	367.54
LGM81044/9-0-*	0	1045 x 30	10.287	10.795	0.38	12.04 ~ 12.85	560.98

▶ Remarks

Cables may be assembled using the requirements of MIL-C-27500, using Type MH components.