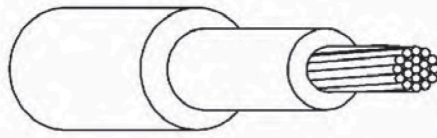


**M81044****SAE AS81044/12**

M81044/12 is a lightweight lead wire with a light wall made up of an extruded, cross-linked polyalkene insulation and an extruded, cross-linked polyvinylidene fluoride (PVDF) jacket. This wire is used in high density cable and harnessing applications because of its size and weight advantages. It also has excellent resistance to cut-through, abrasion, cold flow, shrink back, notch propagation, and common chemicals. These wires also strip and stripe easily, may be potted, and have low smoke characteristics.

Conductor: Tin Plated Copper  
 Insulation: Cross-linked Extruded Polyalkene  
 Jacket: Cross-linked Extruded PVDF  
 Temp. Rating: 150° C  
 Voltage Rating: 600 Volts R.M.S.  
 M27500 Type: ML

Mil-Spec Part	AWG	Stranding	Resistance Ohms/1000ft	Diameter in Inches	
				Min	Max
M81044/12-30-*	30	7X38	108	0.025	0.029
M81044/12-28-*	28	7X36	68.6	0.028	0.032
M81044/12-26-*	26	19X38	41.3	0.032	0.036
M81044/12-24-*	24	19X36	26.2	0.038	0.042
M81044/12-22-*	22	19X32	16.2	0.045	0.049
M81044/12-20-*	20	19X32	9.88	0.053	0.057
M81044/12-18-*	18	19X30	6.23	0.063	0.067
M81044/12-16-*	16	19X29	4.81	0.070	0.074
M81044/12-14-*	14	19X27	3.06	0.087	0.091
M81044/12-12-*	12	37X28	2.02	0.106	0.110



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