

**SAE AS81044/12**



M81044/12 is a lightweight lead wire with a light wall made up of an extruded, cross-linked Polyalkene insulation and extruded, cross-linked Polyvinylidene Fluoride (XL-PVDF). This wire is used in high density cable and harnessing applications because of its size and weight advantages.

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

Blake Part Number	AWG	Stranding	Insulation Diameter		LBS/MFT
			Min.	Max.	
BW-0530-X	30	7 x 38	0.025	0.029	3
BW-0540-X	28	7 x 36	0.028	0.032	4
BW-0550-X	26	19 x 38	0.032	0.036	6
BW-0560-X	24	19 x 36	0.038	0.042	8
BW-0570-X	22	19 x 34	0.045	0.049	10
BW-0580-X	20	19 x 32	0.053	0.057	15
BW-0590-X	18	19 x 30	0.063	0.067	22
BW-0500-X	16	19 x 29	0.070	0.074	35
BW-0508-X	14	19 x 27	0.087	0.091	61
BW-0506-X	12	37 x 28	0.106	0.110	95

X = Color: See Page BCC-1

**SAE AS81044/13**



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Conductor: Silver 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: MM

Blake Part Number	AWG	Stranding	Insulation Diameter		LBS/MFT
			Min.	Max.	
BW-0600-X	30	7 x 38	0.025	0.029	1
BW-0610-X	28	7 x 36	0.028	0.032	1
BW-0620-X	26	19 x 38	0.032	0.036	1
BW-0630-X	24	19 x 36	0.038	0.042	2
BW-0640-X	22	19 x 34	0.045	0.049	3
BW-0650-X	20	19 x 32	0.053	0.057	5

X = Color: See Page BCC-1