

**SAE AS22759/45**



M22759/45 is a lightweight, high temperature airframe and avionics wire insulated with a single layer of cross-linked, modified ethylene-tetrafluoroethylene (ETFE) insulation. Commonly used in Mil-Spec and Aerospace applications where lightweight, excellent mechanical toughness and resistance to chemicals are required

Conductor: Nickel Plated Copper  
 Insulation: Cross-linked modified ETFE  
 Temp Rating: 200°C  
 Voltage Rating: 600 Volts R.M.S.  
 M27500 Type: SS

Blake Part Number	AWG	Stranding	Insulation Diameter		LBS/MFT
			Min.	Max.	
BW-3410-X	28	7 x 36	0.025	0.029	0.91
BW-3420-X	26	19 x 38	0.030	0.034	1.40
BW-3430-X	24	19 x 36	0.035	0.039	2.00
BW-3440-X	22	19 x 34	0.041	0.045	2.80
BW-3450-X	20	19 x 32	0.048	0.052	4.30
BW-3460-X	18	19 x 30	0.058	0.062	6.50
BW-3470-X	16	19 x 29	0.066	0.070	8.30
BW-3480-X	14	19 x 27	0.082	0.088	13.0
BW-3490-X	12	37 x 28	0.100	0.106	19.7

X = Color: See Page BCC-1

**SAE AS22759/46**



M22759/46 is a lightweight, high temperature airframe and avionics wire insulated with a single layer of cross-linked, modified ethylene-tetrafluoroethylene (ETFE) insulation. Commonly used in Mil-Spec and Aerospace applications where lightweight, excellent mechanical toughness and resistance to chemicals are required

Conductor: Nickel Plated High Strength Copper Alloy  
 Insulation: Cross-linked modified ETFE  
 Temp Rating: 200°C  
 Voltage Rating: 600 Volts R.M.S.  
 M27500 Type: ST

Blake Part Number	AWG	Stranding	Insulation Diameter		LBS/MFT
			Min.	Max.	
BW-4010-X	28	7 x 36	0.025	0.029	0.91
BW-4020-X	26	19 x 38	0.030	0.034	1.40
BW-4030-X	24	19 x 36	0.035	0.039	2.00
BW-4040-X	22	19 x 34	0.041	0.045	2.90
BW-4050-X	20	19 x 32	0.048	0.052	4.40

X = Color: See Page BCC-1