

**SAE AS22759/41**



M22759/41 is a normal weight, high temperature airframe and avionics wire insulated with a dual layer cross-linked, modified ethylene-tetrafluoroethylene (ETFE) insulation. It exhibits high resistance to flame, chemical attack, radiation, and soldering iron contact.

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

Blake Part Number	AWG	Stranding	Insulation Diameter		LBS/MFT
			Min.	Max.	
BW-3020-X	26	19 x 38	0.038	0.042	1.70
BW-3030-X	24	19 x 36	0.043	0.047	2.30
BW-3040-X	22	19 x 34	0.048	0.052	3.20
BW-3050-X	20	19 x 32	0.056	0.060	4.70
BW-3060-X	18	19 x 30	0.067	0.073	7.20
BW-3070-X	16	19 x 29	0.074	0.080	9.00
BW-3080-X	14	19 x 27	0.091	0.097	13.8
BW-3090-X	12	37 x 28	0.108	0.114	20.5
BW-3000-X	10	37 x 26	0.130	0.138	32.4
BW-3008-X	8	133 x 29	0.187	0.203	64.2
BW-3006-X	6	133 x 27	0.231	0.251	96.8
BW-3004-X	4	133 x 25	0.300	0.320	163
BW-3002-X	2	665 x 30	0.389	0.421	246
BW-3001-X	1	817 x 30	0.429	0.461	314
BW-3001/0-X	1/0	1045 x 30	0.469	0.501	421
BW-3002/0-X	2/0	1330 x 30	0.529	0.561	518

X = Color: See Page BCC-1

**SAE AS22759/42**



M22759/42 is a normal weight, high temperature airframe and avionics wire insulated with a dual layer cross-linked, modified ethylene-tetrafluoroethylene (ETFE) insulation. It exhibits high resistance to flame, chemical attack, radiation, and soldering iron contact. The high strength conductor improves the flex life and break strength of the wire.

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: SN

Blake Part Number	AWG	Stranding	Insulation Diameter		LBS/MFT
			Min.	Max.	
BW-3120-X	26	19 x 38	0.038	0.042	1.70
BW-3130-X	24	19 x 36	0.043	0.047	2.30
BW-3140-X	22	19 x 34	0.048	0.052	3.30
BW-3150-X	20	19 x 32	0.056	0.060	4.80

X = Color: See Page BCC-1