

**SAE AS22759/84**



M22759/84 wires are large size, high-performance aerospace wire insulated with four layers of polytetrafluoroethylene (PTFE)/polyimide/PTFE tape, with an outer layer of polyimide braid for superior abrasion resistance. The preferred color of the polyimide braid is dark green with the color designator 5D.

Conductor: Nickel Plated High Copper  
 Insulation: 4 layers of PTFE/polyimide/PTFE tape, covered with PTFE tape  
 Temp Rating: 260°C  
 Voltage Rating: 600 Volts R.M.S.  
 M27500 Type: WG

Blake Part Number	AWG	Stranding	Insulation Diameter		LBS/MFT
			Min.	Max.	
BW-16008-X	8	133 x 29	0.192	0.213	62.6
BW-16006-X	6	133 x 27	0.231	0.254	93.0
BW-16004-X	4	133 x 25	0.288	0.313	150
BW-16002-X	2	665 x 30	0.356	0.389	231
BW-16001-X	1	817 x 30	0.400	0.433	298
BW-16001/0-X	1/0	1045 x 30	0.432	0.475	357
BW-16002/0-X	2/0	1330 x 30	0.487	0.530	454
BW-16003/0-X	3/0	1665 x 30	0.542	0.585	550
BW-16004/0-X	4/0	2109 x 30	0.602	0.655	696

X = Color: See Page BCC-1

**SAE AS22759/85**



M22759/85 wires are large size, high-performance aerospace wire insulated with four layers of polytetrafluoroethylene (PTFE)/polyimide/PTFE tape, with an outer layer of polyimide braid for superior abrasion resistance. The preferred color of the polyimide braid is dark green with the color designator 5D.

Conductor: Tin Plated Copper  
 Insulation: 4 layers of PTFE/polyimide/PTFE tape, covered with PTFE tape  
 Temp Rating: 150°C  
 Voltage Rating: 600 Volts R.M.S.  
 M27500 Type: WH

Blake Part Number	AWG	Stranding	Insulation Diameter		LBS/MFT
			Min.	Max.	
BW-17008-X	8	133 x 29	0.192	0.213	62.6
BW-17006-X	6	133 x 27	0.231	0.254	93.0
BW-17004-X	4	133 x 25	0.288	0.313	150
BW-17002-X	2	665 x 30	0.356	0.389	231
BW-17001-X	1	817 x 30	0.400	0.433	298
BW-17001/0-X	1/0	1045 x 30	0.432	0.475	357
BW-17002/0-X	2/0	1330 x 30	0.487	0.530	454
BW-17003/0-X	3/0	1665 x 30	0.542	0.585	550
BW-17004/0-X	4/0	2109 x 30	0.602	0.655	696

X = Color: See Page BCC-1