

SAE AS22759/82



M22759/82 is a lightweight, high performance aerospace hook-up wires insulated with a layer of polytetrafluoroethylene (PTFE)/polyamide/PTFE tape, covered with PTFE tape. These wires are designed for aerospace and other applications requiring thermal stability and high break strength.

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

Blake Part Number	AWG	Stranding	Insulation Diameter		LBS/MFT
			Min.	Max.	
BW-6320-X	26	19 x 38	0.030	0.034	1.43
BW-6330-X	24	19 x 36	0.034	0.038	1.93
BW-6340-X	22	19 x 34	0.040	0.043	2.85
BW-6350-X	20	19 x 32	0.048	0.051	4.38

X = Color: See Page BCC-1

SAE AS22759/83



M22759/83 wires are large size, high-performance aerospace wire insulated with four layers of polytetrafluoroethylene (PTFE)/polyamide/PTFE tape, with an outer layer of polyamide braid for superior abrasion resistance. The preferred color of the polyimide braid is dark green with the color designator 5D.

Conductor: Silver Plated Copper
 Insulation: 4 layers of PTFE/polyimide/PTFE tape, covered with PTFE tape
 Temp Rating: 200°C
 Voltage Rating: 600 Volts R.M.S.
 M27500 Type: WF

Blake Part Number	AWG	Stranding	Insulation Diameter		LBS/MFT
			Min.	Max.	
BW-15008-X	8	133 x 29	0.192	0.213	62.6
BW-15006-X	6	133 x 27	0.231	0.254	93.0
BW-15004-X	4	133 x 25	0.288	0.313	150
BW-15002-X	2	665 x 30	0.356	0.389	231
BW-15001-X	1	817 x 30	0.400	0.433	298
BW-15001/0-X	1/0	1045 x 30	0.432	0.475	357
BW-15002/0-X	2/0	1330 x 30	0.487	0.530	454
BW-15003/0-X	3/0	1665 x 30	0.542	0.585	550
BW-15004/0-X	4/0	2109 x 30	0.602	0.655	696

X = Color: See Page BCC-1