

**SAE AS22759/182**



M22759/182 is a lightweight, high performance aerospace hook-up wire insulated with a layer of polytetrafluoroethylene (PTFE) tape/polyamide/PTFE tape, covered with PTFE tape that has been fused to create a seamless jacket. These wires are designed for aerospace and other applications requiring thermal stability, lightweight 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: DE

Blake Part Number	AWG	Stranding	Insulation Diameter		LBS/MFT
			Min.	Max.	
BSPW-18020-X	26	19 x 38	0.030	0.034	1.43
BSPW-18030-X	24	19 x 36	0.034	0.038	1.93
BSPW-18040-X	22	19 x 34	0.040	0.043	2.85
BSPW-18050-X	20	19 x 32	0.048	0.051	4.38

X = Color: See Page BCC-1

**SAE AS22759/183**



M22759/183 is a large size, high performance aerospace hook-up wire insulated with four layers of polytetrafluoroethylene (PTFE) tape and PTFE/polyamide/PTFE tape, with an outer layer of polyimide braid for superior resistance. These wires are designed for aerospace and other applications requiring thermal stability, lightweight and high break strength.

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

Blake Part Number	AWG	Stranding	Insulation Diameter		LBS/MFT
			Min.	Max.	
BSPW-19002-X	2	665 x 30	0.360	0.380	227
BSPW-19001-X	1	817 x 30	0.400	0.420	295
BSPW-19001/0-X	1/0	1045 x 30	0.442	0.462	351
BSPW-19002/0-X	2/0	1330 x 30	0.498	0.528	432
BSPW-19003/0-X	3/0	1665 x 30	0.554	0.584	542
BSPW-19004/0-X	4/0	2109 x 30	0.615	0.655	689

X = Color: See Page BCC-1