

SAE AS22759/180



M22759/180 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: Tin Plated Copper
 Insulation: PTFE/polyimide/PTFE tape, covered with PTFE tape
 Temp Rating: 150°C
 Voltage Rating: 600 Volts R.M.S.
 M27500 Type: DB

Blake Part Number	AWG	Stranding	Insulation Diameter		LBS/MFT
			Min.	Max.	
BSPW-16020-X	26	19 x 38	0.030	0.034	1.43
BSPW-16030-X	24	19 x 36	0.034	0.038	1.93
BSPW-16040-X	22	19 x 34	0.040	0.043	2.85
BSPW-16050-X	20	19 x 32	0.048	0.051	4.38
BSPW-16060-X	18	19 x 30	0.056	0.060	6.60
BSPW-16070-X	16	19 x 29	0.063	0.067	8.30
BSPW-16080-X	14	19 x 27	0.076	0.080	12.6
BSPW-16090-X	12	37 x 28	0.096	0.100	19.6
BSPW-16000-X	10	37 x 26	0.119	0.123	30.6

X = Color: See Page BCC-1

SAE AS22759/181



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Conductor: Silver Plated High Strength Copper Alloy
 Insulation: PTFE/polyimide/PTFE tape and PTFE tape
 Temp Rating: 200°C
 Voltage Rating: 600 Volts R.M.S.
 M27500 Type: DC

Blake Part Number	AWG	Stranding	Insulation Diameter		LBS/MFT
			Min.	Max.	
BSPW-17020-X	26	19 x 38	0.030	0.034	1.43
BSPW-17030-X	24	19 x 36	0.034	0.038	1.93
BSPW-17040-X	22	19 x 34	0.040	0.043	2.85
BSPW-17050-X	20	19 x 32	0.048	0.051	4.38

X = Color: See Page BCC-1