

Mil-Spec Airframe Wire

ALLIED PART NO.	AWG SIZE	CONDUCTOR STRANDING	INSULATION O.D. MIN. - MAX.	APPROX. LBS/MFT
M22759/32-30-X	30	7/38	0.022 - 0.026	1
M22759/32-28-X	28	7/36	0.025 - 0.029	1
M22759/32-26-X	26	19/38	0.030 - 0.034	2
M22759/32-24-X	24	19/36	0.035 - 0.039	2
M22759/32-22-X	22	19/34	0.041 - 0.045	3
M22759/32-20-X	20	19/32	0.048 - 0.052	4
M22759/32-18-X	18	19/30	0.058 - 0.062	7
M22759/32-16-X	16	19/29	0.066 - 0.070	8
M22759/32-14-X	14	19/27	0.082 - 0.088	13
M22759/32-12-X	12	37/28	0.100 - 0.106	20

ALLIED PART NO.	AWG SIZE	CONDUCTOR STRANDING	INSULATION O.D. MIN. - MAX.	APPROX. LBS/MFT
M22759/33-30-X	30	7/38	0.022 - 0.026	1
M22759/33-28-X	28	7/36	0.025 - 0.029	1
M22759/33-26-X	26	19/38	0.030 - 0.034	2
M22759/33-24-X	24	19/36	0.035 - 0.039	2
M22759/33-22-X	22	19/34	0.041 - 0.045	3
M22759/33-20-X	20	19/32	0.048 - 0.052	5

ALLIED PART NO.	AWG SIZE	CONDUCTOR STRANDING	INSULATION O.D. MIN. - MAX.	APPROX. LBS/MFT
M22759/34-24-X	24	19/36	0.043 - 0.047	2
M22759/34-22-X	22	19/34	0.048 - 0.052	3
M22759/34-20-X	20	19/32	0.056 - 0.060	5
M22759/34-18-X	18	19/30	0.067 - 0.073	7
M22759/34-16-X	16	19/29	0.074 - 0.080	9
M22759/34-14-X	14	19/27	0.091 - 0.097	14
M22759/34-12-X	12	37/28	0.108 - 0.114	21
M22759/34-10-X	10	37/26	0.130 - 0.138	32
M22759/34-8-X	8	133/29	0.187 - 0.203	60
M22759/34-6-X	6	133/27	0.231 - 0.251	95
M22759/34-4-X	4	133/25	0.300 - 0.320	150
M22759/34-2-X	2	665/30	0.390 - 0.428	239

ALLIED PART NO.	AWG SIZE	CONDUCTOR STRANDING	INSULATION O.D. MIN. - MAX.	APPROX. LBS/MFT
M22759/43-26-X	26	19/38	0.038 - 0.042	2
M22759/43-24-X	24	19/36	0.043 - 0.047	2
M22759/43-22-X	22	19/34	0.048 - 0.052	3
M22759/43-20-X	20	19/32	0.056 - 0.060	5
M22759/43-18-X	18	19/30	0.067 - 0.073	7
M22759/43-16-X	16	19/29	0.074 - 0.080	9
M22759/43-14-X	14	19/27	0.091 - 0.097	14
M22759/43-12-X	12	37/28	0.108 - 0.114	21
M22759/43-10-X	10	37/26	0.130 - 0.138	32
M22759/43-8-X	8	133/29	0.187 - 0.203	62
M22759/43-6-X	6	133/27	0.231 - 0.251	95
M22759/43-4-X	4	133/25	0.300 - 0.320	158
M22759/43-2-X	2	665/30	0.390 - 0.428	239

ALLIED PART NO.	AWG SIZE	CONDUCTOR STRANDING	INSULATION O.D. MIN. - MAX.	APPROX. LBS/MFT
M22759/44-28-X	28	7/36	0.025 - 0.029	1
M22759/44-26-X	26	19/38	0.030 - 0.034	2
M22759/44-24-X	24	19/36	0.035 - 0.039	2
M22759/44-22-X	22	19/34	0.041 - 0.045	3
M22759/44-20-X	20	19/32	0.048 - 0.052	4
M22759/44-18-X	18	19/30	0.058 - 0.062	7
M22759/44-16-X	16	19/29	0.066 - 0.070	8
M22759/44-14-X	14	19/27	0.082 - 0.088	13
M22759/44-12-X	12	37/28	0.100 - 0.106	20

X Denotes Color Code 0-9 Colors: 0 = Black 1 = Brown 2 = Red 3 = Orange 4 = Yellow 5 = Green 6 = Blue 7 = Violet 8 = Gray 9 = White

MIL-W-22759/32 SAE AS22759/32



Lightweight Wall

Conductor: Stranded tinned copper
Insulation: Cross-Linked Ethylene
Tetrafluoroethylene (XL-ETFE)
Voltage rating: 600 volts
Temperature rating: 150°C (302°F)

MIL-W-22759/33 SAE AS22759/33



Lightweight Wall

Conductor: Stranded silver-coated high strength copper alloy
Insulation: Cross-Linked Ethylene
Tetrafluoroethylene (XL-ETFE)
Voltage rating: 600 volts
Temperature rating: 200°C (392°F)

MIL-W-22759/34 SAE AS22759/34



Standard Wall

Conductor: Stranded tinned copper
Insulation: Dual Layer of Cross-Linked Ethylene
Tetrafluoroethylene (XL-ETFE)
Voltage rating: 600 volts
Temperature rating: 150°C (302°F)

MIL-W-22759/43 SAE AS22759/43



Standard Wall

Conductor: Stranded silver-coated copper
Insulation: Dual layer of Cross-Linked Ethylene
Tetrafluoroethylene (XL-ETFE)
Voltage rating: 600 volts
Temperature rating: 200°C (392°F)

MIL-W-22759/44 SAE AS22759/44



Lightweight Wall

Conductor: Stranded silver-coated copper
Insulation: Cross-Linked Ethylene
Tetrafluoroethylene (XL-ETFE)
Voltage rating: 600 volts
Temperature rating: 200°C (392°F)

See page 5 of the catalog for Value Added Services Key.