



M22759 Mil-Spec Airframe Wire
MIL-W-22759/46 | SAE AS22759/46 &
MIL-W-22759/80 | SAE AS22759/80



MIL-W-22759/46 | SAE AS22759/46 MIL-W-22759/80 | SAE AS22759/80

CONSTRUCTION

- Nickel coated high strength copper alloy
- XL-ETFE Single Layer Insulation

CHARACTERISTICS

- Temperature Range : 200°C
- Voltage Rating : 600 Volts

CONSTRUCTION

- Tin coated copper
- Fluoropolymer/polyimide tapes Insulation

CHARACTERISTICS

- Temperature Range : 150°C
- Voltage Rating : 600 Volts

Specifications of MIL-W-22759/46 | SAE AS22759/46 Wire

AWG Size	Conductor Stranding	Min O.D. (in)	Max O.D. (in)
28	7/36	0.025	0.029
26	19/38	0.030	0.034
24	19/36	0.035	0.039
22	19/34	0.041	0.045
20	19/32	0.048	0.052

Specifications of MIL-W-22759/80 | SAE AS22759/80 Wire

AWG Size	Conductor Stranding	Min O.D. (in)	Max O.D. (in)
26	19/38	0.030	0.034
24	19/36	0.034	0.038
22	19/34	0.040	0.043
20	19/32	0.048	0.051
18	19/30	0.056	0.060
16	19/29	0.063	0.067
14	19/27	0.076	0.080
12	37/28	0.096	0.100
10	37/26	0.119	0.123