



**M22759 Mil-Spec Airframe Wire**  
**MIL-W-22759/31 | SAE AS22759/31 &**  
**MIL-W-22759/32 | SAE AS22759/32**



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**CONSTRUCTION**

- Nickel coated high strength copper alloy
- Extruded PTFE Insulation
- Polyimide coating jacket

**CHARACTERISTICS**

- Temperature Range : 260°C
- Voltage Rating : 600 Volts

**CONSTRUCTION**

- Tinned Copper Conductor
- Zelrad 150-S Insulation, Fluoropolymer Cross-linked Modified ETFE Single Insulation

**CHARACTERISTICS**

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

**Specifications of MIL-W-22759/31 | SAE AS22759/31 Wire**

AWG Size	Conductor Stranding	Min O.D. (in)	Max O.D. (in)
28	7/36	0.031	0.035
26	19/38	0.036	0.040
24	19/36	0.041	0.045
22	19/34	0.047	0.051
20	19/32	0.056	0.060

**Specifications of MIL-W-22759/32 | SAE AS22759/32 Wire**

AWG Size	Conductor Stranding	Min O.D. (in)	Approx LBS/MFT
30	7/38	0.026	1
28	7/36	0.029	1
26	19/38	0.034	2
24	19/36	0.039	2
22	19/34	0.045	3
22	19/34	0.045	3
20	19/32	0.052	4
18	19/30	0.062	7
16	19/29	0.070	8
14	19/27	0.088	13
12	19/25	0.106	20