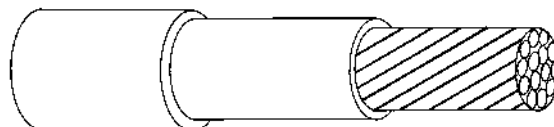


MIL 22759/34* (Heavy Wall, 600 V)

**Product Description**

Type SD**
ETFE copolymer
Stranded conductor

Applications

High-temperature airframe and avionics wire used in open harness applications.

Specifications

- CONDUCTOR: Tinned copper
- INSULATION: ETFE (Tefzel), cross-linked extruded, modified, dual wall, irradiated
- TEMPERATURE: 150°C
- VOLTAGE: 600 V

* M22759 items are currently manufactured in accordance with SAE AS22759, product may be designated "AS" (Aerospace Standards). ** Cable designation using this type of wire component per NEMA WC27500. All part numbers require color code designation. Diameters and weights may vary among manufacturers.

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Anixter No.	Conductor Size AWG	Stranding No. x AWG	Diameter of Stranded Conductor Min. (in.)	Diameter of Stranded Conductor Max. (in.)	Finished Wire Resis. @ 20°C (68°F) ohms/1,000 ft.)	Finished Wire Nom. O.D. (in.)	Finished Wire Approx. Wt. lb./1,000 ft.
M22759/34-24-XX	24	19x36	0.023	0.026	26.2	0.045 +/- 0.002	2.3
M22759/34-22-XX	22	19x34	0.029	0.033	16.2	0.050 +/- 0.002	3.2
M22759/34-20-XX	20	19x32	0.037	0.041	9.88	0.058 +/- 0.002	4.7
M22759/34-18-XX	18	19x30	0.046	0.051	6.23	0.070 +/- 0.003	7.2
M22759/34-16-XX	16	19x29	0.052	0.058	4.81	0.077 +/- 0.003	9.0
M22759/34-14-XX	14	19x27	0.065	0.073	3.06	0.094 +/- 0.003	13.8
M22759/34-12-XX	12	37x28	0.084	0.090	2.02	0.111 +/- 0.003	20.5
M22759/34-10-XX	10	37x26	0.106	0.114	1.26	0.134 +/- 0.004	32.4
M22759/34-8-XX	8	133x29	0.158	0.173	0.701	0.195 +/- 0.008	60.3
M22759/34-6-XX	6	133x27	0.198	0.217	0.445	0.241 +/- 0.010	94.5

Hook Up and Lead Wire Insulation Color Code Chart

- 0.....black
- 1.....brown
- 2.....red
- 3.....orange
- 4.....yellow
- 5.....green
- 6.....blue
- 7.....violet/purple
- 8.....gray
- 9.....white
- P.....pink
- T.....tan
- D.....dark (i.e. D6=dark blue)
- L.....light (i.e. L6=light blue)

- For white with black stripe - 90
- For green with yellow stripe - 54
- For white with a black and red stripe - 902
- For white and black twisted conductor - 9/0
- For white, black and red twisted conductors - 9/0/2

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