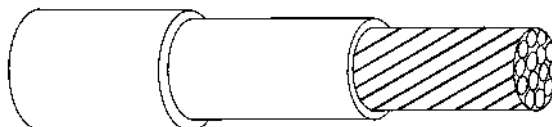


MIL 22759/41* (Heavy Wall, 600 V)



Product Description

Type SM**
ETFE copolymer
Stranded conductor

Applications

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

Specifications

- CONDUCTOR: Concentric strand, nickel-coated copper alloy
- INSULATION: ETFE (Tefzel), cross-linked extruded, modified, dual wall, irradiated
- TEMPERATURE: 200°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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Part No.	Conductor Size AWG	Stranding No. x AWG	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.
M22759/41-26-XX	26	19x38	42.2	0.040 +/- 0.002	1.7
M22759/41-24-XX	24	19x36	25.9	0.045 +/- 0.002	2.3
M22759/41-22-XX	22	19x34	16.0	0.050 +/- 0.002	3.2
M22759/41-20-XX	20	19x32	9.77	0.058 +/- 0.002	4.7
M22759/41-18-XX	18	19x30	6.10	0.070 +/- 0.003	7.2
M22759/41-16-XX	16	19x29	4.76	0.077 +/- 0.003	9.0
M22759/41-14-XX	14	19x27	3.00	0.094 +/- 0.003	13.8
M22759/41-12-XX	12	37x28	1.98	0.111 +/- 0.003	20.5
M22759/41-10-XX	10	37x26	1.24	0.134 +/- 0.004	32.4
M22759/41-8-XX	8	133x29	0.694	0.195 +/- 0.008	64.2
M22759/41-6-XX	6	133x27	0.436	0.241 +/- 0.010	96.8
M22759/41-4-XX	4	133x25	0.275	0.310 +/- 0.010	163.0
M22759/41-2-XX	2	665x30	0.177	0.405 +/- 0.016	246.0
M22759/41-1-XX	1	817x30	0.144	0.445 +/- 0.016	314.0
M22759/41-01-XX	1/0	1,045x30	0.113	0.485 +/- 0.016	421.0
M22759/41-02-XX	2/0	1,330x30	0.089	0.545 +/- 0.016	518.0

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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