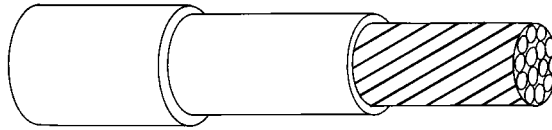


Product Data Sheet

MIL 22759/43* (Heavy Wall, 600 V)



Product Description

Type SP**

ETFE copolymer

Stranded conductor

Applications

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

Specifications

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

Product Data Sheet

* 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. See Color Code chart at the end of this section. Diameters and weights may vary among manufacturers.

Part 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.)	Approx. Wt. lb./1,000 ft.
M22759/43-26-XX	26	19x38	0.018	0.020	38.4	0.040 +/- 0.002	1.7
M22759/43-24-XX	24	19x36	0.023	0.025	24.3	0.045 +/- 0.002	2.3
M22759/43-20-XX	20	19x32	0.037	0.040	9.19	0.058 +/- 0.002	4.7
M22759/43-18-XX	18	19x30	0.046	0.050	5.79	0.070 +/- 0.003	7.2
M22759/43-16-XX	16	19x29	0.052	0.057	4.52	0.077 +/- 0.003	9.0
M22759/43-14-XX	14	19x27	0.065	0.072	2.88	0.094 +/- 0.003	13.8
M22759/43-12-XX	12	37x28	0.084	0.089	1.90	0.111 +/- 0.003	20.5
M22759/43-10-XX	10	37x26	0.106	0.112	1.19	0.134 +/- 0.004	32.4
M22759/43-8-XX	8	133x29	0.158	0.169	0.658	0.195 +/- 0.008	61.9
M22759/43-6-XX	6	133x27	0.198	0.213	0.418	0.241 +/- 0.010	94.5
M22759/43-4-XX	4	133x25	0.250	0.268	0.264	0.310 +/- 0.010	158.0
M22759/43-2-XX	2	665x30	0.320	0.340	0.170	0.405 +/- 0.016	239.0
M22759/43-1-XX	1	817x30	0.360	0.380	0.139	0.445 +/- 0.016	305.0
M22759/43-01-XX	1/0	1,045x30	0.395	0.425	0.108	0.485 +/- 0.016	385.0
M22759/43-02-XX	2/0	1,330x30	0.440	0.475	0.085	0.545 +/- 0.016	487.0