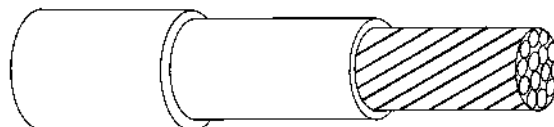


MIL 22759/43* (Heavy Wall, 600 V)



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

* 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.

Electrical and Electronic Wire & Cable • Enterprise Cabling & Security Solutions • Fasteners

Anixter Inc. World Headquarters • 2301 Patriot Boulevard, Glenview, IL 60026-8020 • 1.800.ANIXTER • 224.521.8000 • anixter.com

Anixter is a leading global supplier of communications and security products, electrical and electronic wire and cable, fasteners and other small components. We help our customers specify solutions and make informed purchasing decisions around technology, applications and relevant standards. Throughout the world, we provide innovative supply chain management solutions to reduce our customers' total cost of production and implementation.

Anixter does not manufacture the items described in this publication. Any applicable product warranties are provided by the manufacturers. To the fullest extent permitted by law, Anixter disclaims all warranties, either express or implied. The information provided and any images shown are for descriptive purposes only. Anixter makes no warranty or representation, express or implied, about the accuracy or completeness of any information provided. Data and suggestions made in the publication are not to be construed as recommendations to purchase or as authorizations to use any products in violation of any law or regulation. All products are sold subject to Anixter's General Conditions of Sale.

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

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

Electrical and Electronic Wire & Cable • Enterprise Cabling & Security Solutions • Fasteners

Anixter Inc. World Headquarters • 2301 Patriot Boulevard, Glenview, IL 60026-8020 • 1.800.ANIXTER • 224.521.8000 • anixter.com

Anixter is a leading global supplier of communications and security products, electrical and electronic wire and cable, fasteners and other small components. We help our customers specify solutions and make informed purchasing decisions around technology, applications and relevant standards. Throughout the world, we provide innovative supply chain management solutions to reduce our customers' total cost of production and implementation.

Anixter does not manufacture the items described in this publication. Any applicable product warranties are provided by the manufacturers. To the fullest extent permitted by law, Anixter disclaims all warranties, either express or implied.

The information provided and any images shown are for descriptive purposes only. Anixter makes no warranty or representation, express or implied, about the accuracy or completeness of any information provided. Data and suggestions made in the publication are not to be construed as recommendations to purchase or as authorizations to use any products in violation of any law or regulation. All products are sold subject to Anixter's General Conditions of Sale.