

Caledonian Military Cables

MIL-W-22759/44

Application and Description

These XL-ETFE insulation single-core MIL-W-22759/44 wires are used for MIL-Spec and Aerospace, ETFE insulation resists high PH cleaning fluids, fuels, lubricants and many other chemicals, MIL-W-22759/44 wires are mechanically tough, flame retardant and weight saving.

Construction Details

Single layer over conductor

Construction

Conductor: Soft, annealed silver plated copper

Insulation: Fluoropolymer Cross-linked Modified ETFE Single

Insulating Material Thickness: 6 mil (0.15 mm)

Characteristics

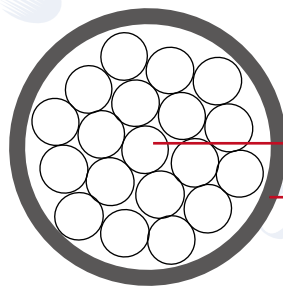
Temperature Rating: 200°C

Voltage Rating: 600 volts

MIL-Spec Wire

SAE AS22759/44

Color Code: MIL-STD-681



Silver plated copper conductor

XL-ETFE insulation

Dimensions and Weight

AWG Size	Conductor Stranding	Min O.D.		Max O.D.		Approx LBS/ MFT
		in	mm	in	mm	
28	7/36	0.0250	0.635	0.029	0.737	0.9
26	19/38	0.030	0.762	0.034	0.864	1.4
24	19/36	0.035	0.889	0.039	0.991	2.0
22	19/34	0.041	1.041	0.045	1.143	2.8
20	19/32	0.048	1.219	0.052	1.321	4.3
18	19/30	0.058	1.473	0.062	1.575	6.5
16	19/29	0.066	1.676	0.070	1.778	8.3
14	19/27	0.082	2.083	0.088	2.235	13.0
12	37/28	0.100	2.540	0.106	2.692	19.7