



# Caledonian Military Cables

## MIL-W-22759/42

### Application and Description

These XL-ETFE insulation single-core MIL-W-22759/42 wires are used for MIL-Spec and Aerospace, These normal weight, high temperature airframe and avionics wires have contrasting colored insulation layers which provide a visual indication of possible abrasion or other mechanical damage due to physical abuse during service or installation. The insulation resists high PH cleaning fluids, lubricating oils, fuel and many other chemicals , MIL-W-22759/42 wires are mechanically tough, flame retardant and weight saving.

### Construction Details

Dual layers over conductor

### Construction

**Conductor:** Nickel coated high strength copper alloy

**Insulation:** XL-ETFE

**Insulating Material Thickness:** 10 mil ( 0.25 mm)

**Jacket:** XL-ETFE

### Characteristics

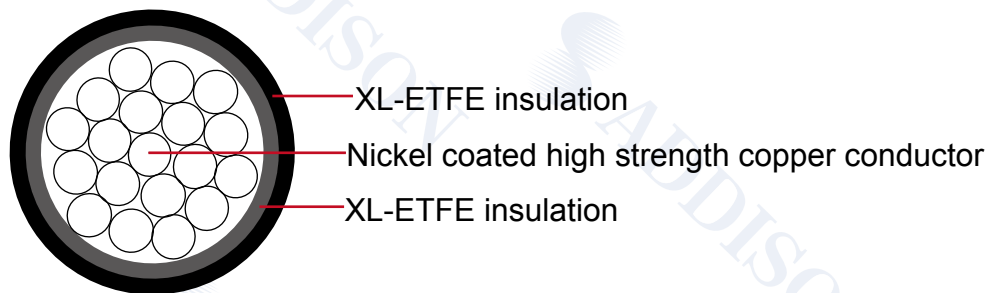
**Temperature Rating:** 200°C

**Voltage Rating:** 600 volts

MIL-Spec Wire

SAE AS22759/42

**Color Code:** MIL-STD-681



### Dimensions and Weight

AWG Size	Conductor Stranding	Conductor Diam. Min		Conductor Diam. Max		Min O.D.		Max O.D.		Approx LBS/ MFT
		in	mm	in	mm	in	mm	in	mm	
26	19/38	0.018	0.457	0.020	0.508	0.038	0.965	0.042	1.067	1.7
24	19/36	0.023	0.584	0.026	0.660	0.043	1.092	0.047	1.194	2.3
22	19/34	0.029	0.737	0.033	0.838	0.048	1.219	0.052	1.321	3.3
20	19/32	0.037	0.94	0.039	0.991	0.056	1.422	0.060	1.524	4.8