

Caledonian Military Cables

MIL-W-22759/21

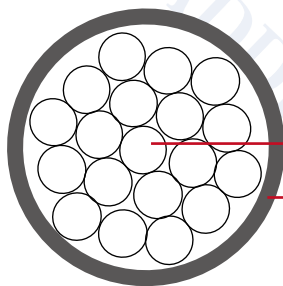
Application and Description

These PTFE insulated single-core MIL-W-22759/21 wires are used for MIL-Spec and Aerospace, They are ideal for aerospace and other applications requiring high reliability and break strength, enhanced flex life, and resistance to high temperatures. These wires work especially well in applications where smoke emission, overload stability and flammability are major concerns.

Construction Details

PTFE is extruded

Construction



Nickel plated high-strength copper conductor
PTFE insulation

Conductor: Nickel plated high-strength copper alloy

Insulation: Extruded PTFE

Insulating Material Thickness: 29 mil (0.70 mm)

Characteristics

Temperature Rating: 260°C

Voltage Rating: 1000 volts

SAE AS22759/21

Color Code: MIL-STD-681

Dimensions and Weight

AWG Size	Conductor Stranding	Conductor Diam.		Min O.D.		Max O.D.		Approx LBS/ MFT
		in	mm	in	mm	in	mm	
28	7/36	0.015	0.38	0.041	1.041	0.045	1.143	1.93
26	19/38	0.019	0.48	0.046	1.168	0.050	1.270	2.60
24	19/36	0.024	0.61	0.051	1.295	0.055	1.397	3.38
22	19/34	0.030	0.76	0.058	1.473	0.062	1.575	4.61
20	19/32	0.038	0.97	0.066	1.676	0.070	1.778	6.43