



Caledonian Military Cables

MIL-W-22759/20

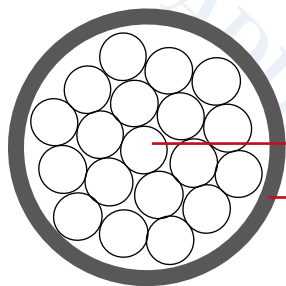
Application and Description

These PTFE insulated single-core MIL-W-22759/20 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 are especially well-suited in applications where smoke emission, overload stability, and flammability are major concerns.

Construction Details

PTFE is extruded

Construction



Silver plated high-strength copper conductor
PTFE insulation

Conductor: Silver plated high-strength copper alloy

Insulation: Extruded PTFE

Insulating Material Thickness: 29 mil (0.70 mm)

Characteristics

Temperature Rating: 200°C

Voltage Rating: 1000 volts

SAE AS22759/20

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	
28	7/36	0.140	3.556	0.015	0.381	0.041	1.041	0.045	1.143	1.91
26	19/38	0.018	0.445	0.020	0.518	0.046	1.168	0.05	1.270	2.57
24	19/36	0.023	0.572	0.024	0.620	0.051	1.295	0.055	1.397	3.35
22	19/34	0.029	0.724	0.031	0.798	0.058	1.473	0.062	1.575	4.59
20	19/32	0.037	0.927	0.040	1.003	0.066	1.676	0.070	1.778	6.41