



# Caledonian Military Cables

## MIL-W-22759/28

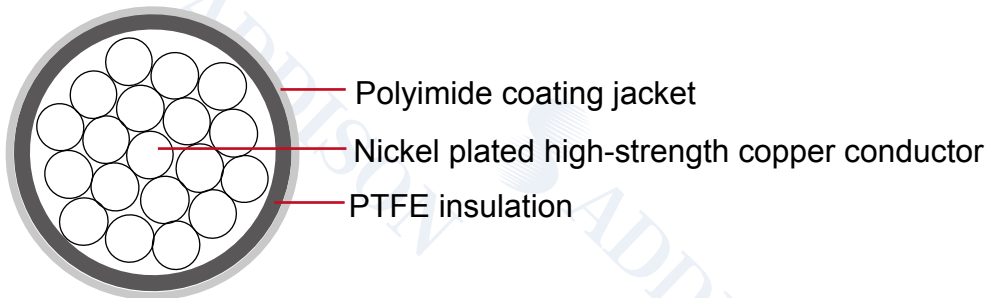
### Application and Description

These PTFE insulated single-core MIL-W-22759/28 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



**Conductor:** Silver plated copper

**Insulation:** Extruded PTFE

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

**Jacket:** Polyimide coating

### Characteristics

**Temperature Rating:** -55°C+200°C

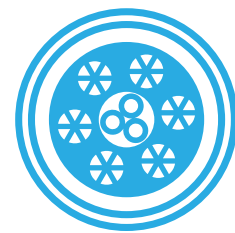
**Voltage rating:** 600 volts

SAE AS22759/23

**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	0.014	0.356	0.015	0.381	0.032	0.813	0.036	0.914	1.35
26	19/38	0.018	0.457	0.02	0.508	0.037	0.940	0.041	1.041	1.92
24	19/36	0.023	0.572	0.025	0.635	0.042	1.067	0.046	1.168	2.61



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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	
22	19/34	0.029	0.724	0.030	0.772	0.048	1.219	0.052	1.321	3.66
20	19/32	0.037	0.927	0.038	0.975	0.057	1.448	0.061	1.549	5.42
18	19/30	0.046	1.156	0.048	1.229	0.067	1.702	0.071	1.803	8.05
16	19/29	0.052	1.308	0.054	1.382	0.073	1.854	0.079	2.007	9.88
14	19/27	0.065	1.638	0.068	1.737	0.088	2.235	0.094	2.388	14.90
12	19/25	0.084	2.121	0.087	2.220	0.108	2.743	0.114	2.896	23.00
10	37/26	0.106	2.692	0.110	2.794	0.137	3.480	0.143	3.632	35.20
8	133/29	0.158	4.013	0.166	4.216	0.194	4.928	0.200	5.080	62.50

