

# Caledonian Military Cables

## MIL-W-22759/9

### Application and Description

These PTFE insulated single-core MIL-W-22759/9 wires are used for MIL-Spec and Aerospace applications or aircraft engines, These wires work especially well where smoke emission, overload stability, and flammability are major concerns.

### Construction Details

PTFE is extruded

### Construction

**Conductor:** Silver plated copper

**Insulation:** Extruded PTFE Teflon

**Insulating Material Thickness:** 14 mil ( 0.4 mm)

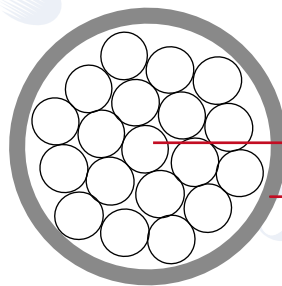
### Characteristics

**Temperature Rating:** 200°C

**Voltage Rating:** 1000 volts

SAE AS22759/9

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



Silver plated copper conductor

PTFE insulation

### 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	0.041	1.041	0.045	1.143	1.9
26	19/36	0.018	0.457	0.020	0.508	0.046	1.168	0.05	1.270	2.6
24	19/38	0.025	0.635	0.025	0.635	0.051	1.295	0.055	1.397	3.3
22	19/34	0.029	0.724	0.030	0.772	0.058	1.473	0.062	1.575	4.6
20	19/32	0.037	0.927	0.038	0.975	0.066	1.676	0.070	1.778	6.4
18	19/30	0.046	1.156	0.048	1.229	0.076	1.930	0.080	2.032	9.1
16	19/29	0.0515	1.308	0.054	1.382	0.083	2.108	0.087	2.210	11.0
14	19/27	0.0645	1.638	0.068	1.737	0.097	2.464	0.103	2.616	16.4
12	19/25	0.0835	2.121	0.087	2.220	0.116	2.946	0.124	3.150	25.3
10	37/26	0.1060	2.692	0.110	2.794	0.137	3.480	0.145	3.683	38.2
8	133/29	0.1580	4.013	0.166	4.216	0.202	5.131	0.212	5.385	68.8