



# Caledonian Military Cables

## MIL-W-22759/10

### Application and Description

These PTFE insulated single-core MIL-W-22759/10 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:** Nickel plated copper

**Insulation:** Extruded PTFE Teflon

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

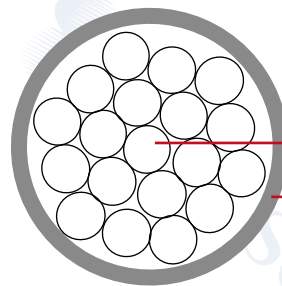
### Characteristics

**Temperature Rating:** 260°C

**Voltage Rating:** 1000 volts

SAE AS22759/10

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



Nickel 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	0.016	0.406	0.041	1.041	0.045	1.143	1.9
26	19/38	0.016	0.406	0.022	0.559	0.046	1.168	0.050	1.270	2.6
24	19/36	0.023	0.584	0.026	0.660	0.051	1.295	0.055	1.397	3.3
22	19/34	0.029	0.737	0.033	0.838	0.058	1.473	0.062	1.575	4.6
20	19/32	0.037	0.940	0.041	1.041	0.066	1.676	0.070	1.778	6.4
18	19/30	0.046	1.168	0.052	1.321	0.076	1.93	0.080	2.032	9.1
16	19/29	0.052	1.321	0.058	1.473	0.083	2.108	0.087	2.210	11.0
14	19/27	0.065	1.651	0.073	1.854	0.097	2.464	0.103	2.616	16.4
12	19/25	0.087	2.210	0.092	2.337	0.116	2.946	0.124	3.150	25.3
10	37/26	0.106	2.692	0.114	2.896	0.137	3.48	0.145	3.683	38.2
8	133/29	0.158	4.013	0.173	4.394	0.202	5.131	0.212	5.385	68.8