



# Caledonian Military Cables

## MIL-W-22759/8

### Application and Description

These PTFE insulated single-core MIL-W-22759/8 wires are used for MIL-Spec and Aerospace, government applications or aircraft engines, and where extra abrasion resistance and good flexibility are required.

### Construction Details

PTFE is extruded

### Construction

**Conductor:** Nickel plated copper

**Insulation:** Mineral filled PTFE Teflon

**Insulating Material Thickness:** 14 mil ( 0.4 mm) to 36 mil ( 0.9mm)

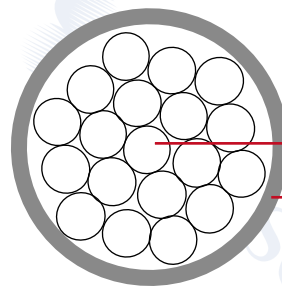
### Characteristics

**Temperature Rating:** 260°C

**Voltage Rating:** 600 volts

SAE AS22759/8

**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	
24	19/36	0.023	0.584	0.026	0.660	0.060	1.524	0.064	1.626	4.3
22	19/34	0.029	0.737	0.033	0.838	0.071	1.803	0.075	1.905	6.0
20	19/32	0.037	0.940	0.041	1.041	0.080	2.032	0.084	2.134	8.1
18	19/30	0.046	1.168	0.052	1.321	0.090	2.286	0.094	2.388	11.0
16	19/29	0.052	1.321	0.058	1.473	0.099	2.515	0.105	2.667	13.8
14	19/27	0.065	1.651	0.073	1.854	0.112	2.845	0.118	2.997	18.6
12	19/25	0.087	2.210	0.092	2.337	0.131	3.327	0.137	3.480	28.5
10	37/26	0.106	2.692	0.114	2.896	0.154	3.912	0.162	4.115	41.8
8	133/29	0.158	4.013	0.173	4.394	0.215	5.461	0.225	5.715	73.1
6	133/27	0.198	5.029	0.217	5.512	0.264	6.706	0.276	7.010	113.0
4	133/25	0.250	6.350	0.274	6.960	0.319	8.103	0.333	8.458	173.0