



# Caledonian Military Cables

## MIL-W-22759/13

### Application and Description

These FEP insulated single-core MIL-W-22759/13 wires are used for MIL-Spec and Aerospace.

### Construction Details

FEP is extruded

### Construction

**Conductor:** Tin plated copper

**Insulation:** Extruded FEP

**Jacket:** Clear PVDF

**Insulating Material Thickness:** 11 mil ( 0.30 mm)

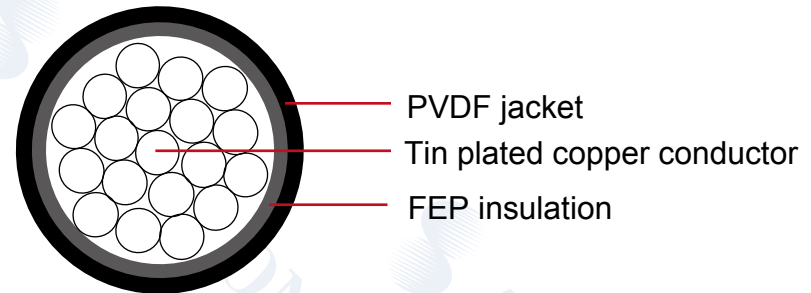
### Characteristics

**Temperature Rating:** 135°C

**Voltage Rating:** 600 volts

SAE AS22759/13

**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	
24	19/36	0.023	0.584	0.025	0.635	0.047	1.194	0.051	1.295	2.9
22	19/34	0.029	0.724	0.030	0.772	0.048	1.219	0.054	1.372	3.9
20	19/32	0.037	0.927	0.038	0.975	0.058	1.473	0.064	1.626	5.5
18	19/30	0.045	1.130	0.048	1.229	0.068	1.727	0.074	1.880	8.0
16	19/29	0.052	1.308	0.054	1.382	0.073	1.854	0.081	2.057	10.1
14	19/27	0.065	1.638	0.068	1.737	0.087	2.210	0.095	2.413	15.5
12	37/28	0.086	2.172	0.089	2.261	0.107	2.718	0.115	2.921	23.0
10	37/26	0.106	2.692	0.112	2.845	0.134	3.404	0.142	3.607	35.7
8	133/28	1.580	40.132	0.169	4.293	0.190	4.826	0.202	5.131	62.8
6	133/27	1.980	50.292	0.212	5.385	0.239	6.071	0.255	6.477	99.3
4	133/25	0.250	6.350	0.268	6.807	0.292	7.417	0.308	7.823	153.0
2	665/30	0.320	8.128	0.340	8.636	0.362	9.195	0.386	9.804	247.0
1	817/30	0.360	9.144	0.380	9.652	0.398	10.109	0.426	10.82	311.0
1/0	1045/30	0.405	10.287	0.425	10.795	0.442	11.227	0.474	12.04	387.0