



# Caledonian Military Cables

## MIL-W-22759/91

### Application and Description

These PTFE tape insulation single-core MIL-W-22759/91 wires are used for MIL-Spec and Aerospace, these cables are light weight, high-performance, aerospace hook up wires with insulation composed of PTFE/polyimide/PTFE tape and PTFE tape. These wires are designed for aerospace and other applications which require excellent thermal stability and light weight

### Construction Details

A PTFE/K/PTFE layer construction

### Construction

**Conductor:** Silver plated copper

**Insulation:** Fluoropolymer/Polyimide Tape

**Insulating Material Thickness:** 13 mil ( 0.30 mm)

### Characteristics

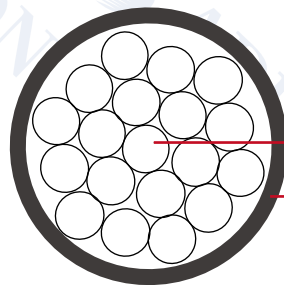
**Temperature Rating:** 200°C

**Voltage Rating:** 600 volts

MIL-Spec Wire

SAE AS22759/91

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



Silver plated copper conductor

Fluoropolymer/Polyimide tape 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	
26	19/38	0.018	0.440	0.019	0.490	0.030	0.762	0.034	0.864	1.43
24	19/36	0.023	0.570	0.024	0.620	0.034	0.864	0.038	0.965	1.93
22	19/34	0.029	0.720	0.030	0.770	0.040	1.016	0.043	1.092	2.85
20	19/32	0.037	0.930	0.038	0.980	0.048	1.219	0.051	1.295	4.38
18	19/30	0.046	1.160	0.048	1.230	0.056	1.422	0.060	1.524	6.60
16	19/29	0.052	1.310	0.054	1.380	0.063	1.600	0.067	1.702	8.30
14	19/27	0.065	1.640	0.068	1.740	0.076	1.930	0.080	2.032	12.60
12	37/28	0.084	2.120	0.087	2.220	0.096	2.438	0.100	2.540	19.60
10	37/26	0.106	2.690	0.110	2.790	0.119	3.023	0.123	3.124	30.60