



Caledonian Military Cables

MIL-W-22759/92

Application and Description

These PTFE tape insulation single-core MIL-W-22759/92 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: Nickel plated copper

Insulation: Fluoropolymer/Polyimide Tape

Insulating Material Thickness: 13 mil (0.30 mm)

Characteristics

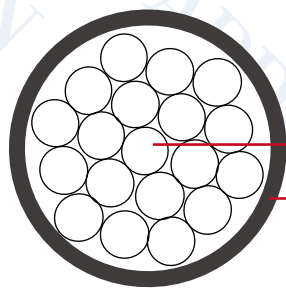
Temperature Rating: 260°C

Voltage Rating: 600 volts

MIL-Spec Wire

SAE AS22759/92

Color Code: MIL-STD-681



Nickel 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	0.020	0.520	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	0.031	0.800	0.040	1.016	0.043	1.092	2.85
20	19/32	0.037	0.930	0.039	1.000	0.048	1.219	0.051	1.295	4.38
18	19/30	0.046	1.160	0.049	1.250	0.056	1.422	0.060	1.524	6.60
16	19/29	0.052	1.310	0.055	1.410	0.063	1.600	0.067	1.702	8.30
14	19/27	0.065	1.640	0.069	1.760	0.076	1.930	0.08	2.032	12.60
12	37/28	0.084	2.120	0.089	2.270	0.096	2.438	0.100	2.540	19.60
10	37/26	0.106	2.690	0.112	2.840	0.119	3.023	0.123	3.124	30.60