



Caledonian Military Cables

MIL-W-22759/12

Application and Description

These PTFE insulated single-core MIL-W-22759/12 wires are used for MIL-Spec and Aerospace. These wires are used in aircraft engines and wherever abrasion.

Construction Details

PTFE is extruded

Construction

Conductor: Nickel plated copper

Insulation: Extruded PTFE Teflon

Insulating Material Thickness: 10 mil (0.25 mm)

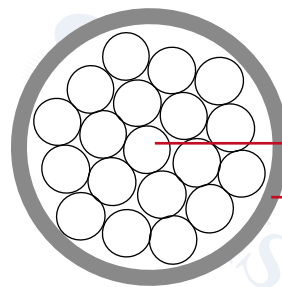
Characteristics

Temperature Rating: 260°C

Voltage Rating: 600 volts

SAE AS22759/12

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	0.015	0.381	0.026	0.66	0.031	0.787	0.035	0.889	1.23
26	19/38	0.016	0.406	0.022	0.559	0.036	0.914	0.040	1.016	1.75
24	19/36	0.023	0.584	0.026	0.660	0.041	1.041	0.045	1.143	2.42
22	19/34	0.029	0.737	0.033	0.838	0.047	1.194	0.051	1.295	3.46
20	19/32	0.037	0.940	0.041	1.041	0.056	1.422	0.060	1.524	5.19
18	19/30	0.046	1.168	0.052	1.321	0.066	1.676	0.070	1.778	7.64
16	19/29	0.052	1.321	0.058	1.473	0.073	1.854	0.077	1.956	9.74
14	19/27	0.065	1.651	0.073	1.854	0.088	2.235	0.092	2.337	14.8
12	19/25	0.087	2.210	0.092	2.337	0.108	2.743	0.114	2.896	24.0
10	37/26	0.106	2.692	0.114	2.896	0.100	2.540	0.114	2.896	39.0
8	133/29	0.158	4.013	0.173	4.394	0.158	4.013	0.173	4.394	67.0