

Caledonian Military Cables

MIL-W-22759/5

Application and Description

These PTFE insulated single-core MIL-W-22759/5 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: Silver plated copper

Insulation: Mineral filled PTFE Teflon

Insulating Material Thickness: 25 mil (0.6 mm) to 44 mil (1.1mm)

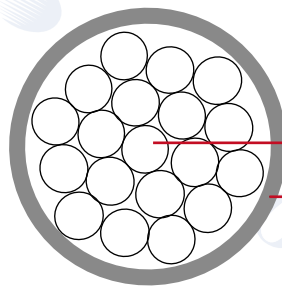
Characteristics

Temperature Rating: 200°C

Voltage Rating: 600 volts

SAE AS22759/5

Color Code: MIL-STD-681



Silver 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	0.025	0.635	6.0	1.778	0.08	2.032	6.0
22	19/34	0.029	0.737	0.031	0.772	8.0	2.032	0.09	2.286	8.0
20	19/32	0.037	0.940	0.038	0.975	10.0	2.286	0.10	2.540	10.0
18	19/30	0.046	1.156	0.048	1.229	12.9	2.667	0.12	2.921	12.9
16	19/29	0.052	1.308	0.054	1.382	16.6	3.048	0.13	3.302	16.6
14	19/27	0.065	1.638	0.068	1.737	22.5	3.454	0.15	3.810	22.5
12	19/25	0.084	2.121	0.087	2.220	30.9	3.886	0.17	4.242	30.9
10	37/26	0.106	2.692	0.110	2.794	42.5	4.369	0.183	4.648	42.5
8	133/29	0.158	4.013	0.166	4.216	77.0	6.121	0.255	6.477	77.0
6	133/27	0.198	5.029	0.208	5.283	126.0	7.366	0.310	7.874	126.0
4	133/25	0.250	6.350	0.263	6.680	188.0	8.636	0.370	9.398	188.0