

Caledonian Military Cables

MIL-W-22759/7

Application and Description

These PTFE insulated single-core MIL-W-22759/7 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: 14 mil (0.4 mm) to 36 mil (0.9mm)

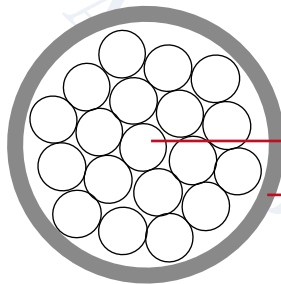
Characteristics

Temperature Rating: 200°C

Voltage Rating: 600 volts

SAE AS22759/7

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	0.060	1.524	0.064	1.626	4.3
22	19/34	0.029	0.724	0.030	0.772	0.071	1.803	0.075	1.905	6.0
20	19/32	0.037	0.927	0.038	0.975	0.080	2.032	0.084	2.134	8.1
18	19/30	0.046	1.156	0.048	1.229	0.090	2.286	0.094	2.388	11.0
16	19/29	0.052	1.308	0.054	1.382	0.099	2.515	0.105	2.667	13.8
14	19/27	0.065	1.638	0.068	1.737	0.112	2.845	0.118	2.997	18.6
12	19/25	0.084	2.121	0.087	2.220	0.131	3.327	0.137	3.480	28.5
10	37/26	0.106	2.692	0.110	2.794	0.154	3.912	0.162	4.115	41.8
8	133/29	0.158	4.013	0.166	4.216	0.215	5.461	0.225	5.715	73.1
6	133/27	0.198	5.029	0.208	5.283	0.264	6.706	0.276	7.010	111.0
4	133/25	0.250	6.350	0.263	6.680	0.321	8.153	0.335	8.509	169.0