



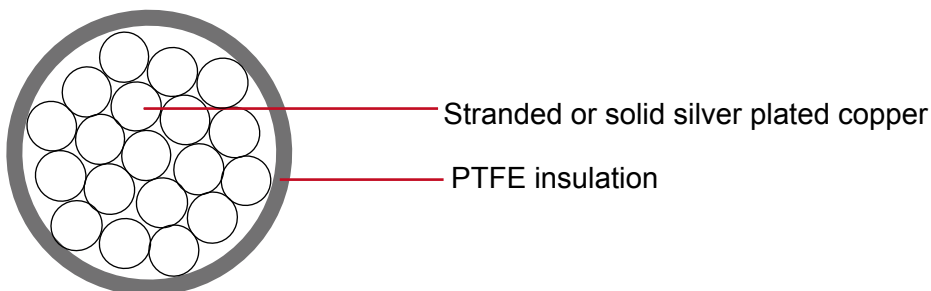
Caledonian Military Cables

MIL-W-16878/4 Type E Wire

Application and Description:

These PTFE insulated single-core MIL-W-16878/4 (Type E) wires are used in military harnessing, power supply lead wire, appliance wiring and medical electronics, The MIL Spec wire has excellent resistance to thermal aging, solder iron damage, flame, and moisture. PTFE also resists solvents, greases, ozone and most other chemicals. The PTFE insulation has a great flex-life and is suitable for a wide frequency range. Compared with other insulations, PTFE saves space and weight and is easy to install.

Construction:



Conductor: Stranded or solid silver plated copper

Insulation: Extruded PTFE

Insulation Wall Thickness: 0.010"

Characteristics:

Temperature Range: -65°C to 200°C

Voltage Rating: 600 volts

MIL-W-16878/4(Type E)

Color Code: MIL-STD-104 (See page 12)

10 basic colors(BLK,BRN,RED,ORN,YEL,GRN,BLU,VIO,GRY,WHT)



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Dimensions and Weight:

AWG Size	Conductor Stranding	Conductor Diam.		Nom. O.D.		Approx LBS/ MFT
		in	mm	in	mm	
32	7/40	0.009	0.230	0.030	0.800	1.0
30	Solid	0.010	0.254	0.030	0.800	1.0
30	7/38	0.012	0.310	0.032	0.800	1.0
28	Solid	0.013	0.330	0.033	0.800	2.0
28	7/36	0.015	0.380	0.035	0.900	2.0
28	19/40	0.150	0.380	0.039	1.000	2.0
26	Solid	0.016	0.410	0.036	0.900	2.0
26	7/34	0.019	0.480	0.040	1.000	2.0
26	19/38	0.019	0.480	0.039	1.000	2.0
24	Solid	0.020	0.510	0.040	1.000	3.0
24	7/32	0.024	0.610	0.044	1.100	3.0
24	19/36	0.024	0.610	0.045	1.100	3.0
22	Solid	0.025	0.640	0.045	1.100	4.0
22	7/30	0.030	0.760	0.050	1.300	4.0
22	19/34	0.030	0.760	0.051	1.300	4.0
20	Solid	0.032	0.810	0.052	1.300	5.0
20	7/28	0.038	0.970	0.058	1.500	5.0
20	19/32	0.038	0.970	0.058	1.500	6.0
18	Solid	0.040	1.020	0.060	1.500	8.0
18	7/26	0.048	1.220	0.069	1.800	8.0
18	19/30	0.047	1.190	0.069	1.800	8.0
16	19/29	0.053	1.350	0.080	2.000	10.0
14	19/27	0.067	1.700	0.095	2.400	15.0
12	19/25	0.084	2.130	0.114	2.900	23.0
10	37/26	0.108	2.740	0.134	3.400	35.0