



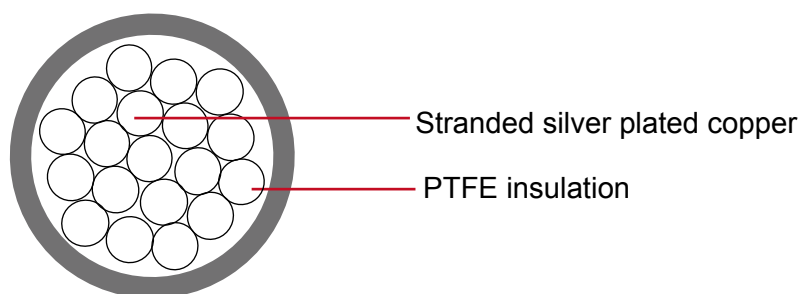
Caledonian Military Cables

MIL-W-16878/5 Type EE Wire

Application and Description:

These PTFE insulated single-core MIL-W-16878/5 (Type EE) 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 heavy wall 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 silver plated copper

Insulation: Extruded PTFE

Insulation Wall Thickness: 0.015"

Characteristics:

Temperature Range: -60°C to 200°C

Voltage Rating: 1000 volts

MIL-W-16878/5(Type EE)

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	
30	1/30	0.010	0.300	0.040	1.000	1.6
30	7/38	0.012	0.300	0.042	1.100	1.6
30	19/42	0.012	0.300	0.042	1.100	1.6
28	1/28	0.013	0.300	0.043	1.100	1.7
28	7/36	0.015	0.400	0.045	1.100	1.9
28	19/40	0.015	0.400	0.045	1.100	1.9
26	1/26	0.016	0.400	0.046	1.200	2.2
26	7/34	0.019	0.500	0.049	1.200	2.4
26	19/38	0.019	0.500	0.049	1.200	2.5
24	7/32	0.024	0.600	0.052	1.300	3.1
24	19/36	0.024	0.600	0.052	1.300	3.1
22	7/30	0.030	0.800	0.058	1.500	4.1
22	19/34	0.030	0.800	0.058	1.500	4.3
20	7/28	0.038	1.000	0.066	1.700	5.8
20	19/32	0.038	1.000	0.066	1.700	6.0
18	7/26	0.048	1.200	0.076	1.900	8.4
18	19/30	0.047	1.200	0.076	1.900	8.7
16	19/29	0.053	1.300	0.085	2.200	11.0
14	19/27	0.067	1.700	0.100	2.500	16.5
12	19/25	0.084	2.100	0.120	3.000	24.6
10	37/26	0.108	2.700	0.143	3.600	36.6