



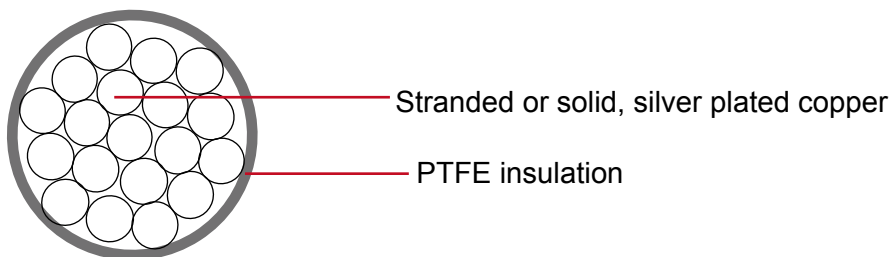
# Caledonian Military Cables

## MIL-W-16878/6 Type ET Wire

### Application and Description:

These PTFE insulated single-core MIL-W-16878/6 (Type ET) wires are used for MIL-Spec, power supply lead wire, appliance wiring and medical electronics. The thin wall PTFE insulation offers high reliability and excellent thermal stability. It resists chemicals, ultra-violet radiation, and mold growth and is non-toxic and safe for the environment. 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. These wires are easy to install due to their small size and slippery surface.

### Construction:



**Conductor:** Stranded or solid, silver plated copper

**Insulation:** Extruded PTFE

**Insulation Wall Thickness:** 0.006"

### Characteristics:

**Temperature Range:** -60°C to 200°C

**Voltage Rating:** 250 volts

**MIL-W-16878/6(Type ET)**

**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	0.090	0.230	0.021	0.500	0.5
30	Solid	0.010	0.254	0.022	0.600	0.6
30	7/38	0.012	0.310	0.024	0.600	0.7
28	Solid	0.013	0.330	0.025	0.600	0.8
28	7/36	0.015	0.380	0.027	0.700	1.0
28	19/40	0.150	0.380	0.027	0.700	1.0
26	Solid	0.016	0.410	0.028	0.700	1.2
26	19/38	0.019	0.480	0.031	0.800	1.4
26	7/34	0.019	0.480	0.031	0.800	1.3
24	Solid	0.020	0.500	0.032	0.800	1.9
24	7/32	0.024	0.610	0.036	0.900	1.9
24	19/36	0.024	0.610	0.036	0.900	2.0
22	7/30	0.030	0.760	0.042	1.100	2.9
20	7/28	0.038	0.970	0.046	1.200	4.3
20	19/32	0.038	0.970	0.046	1.200	4.7