



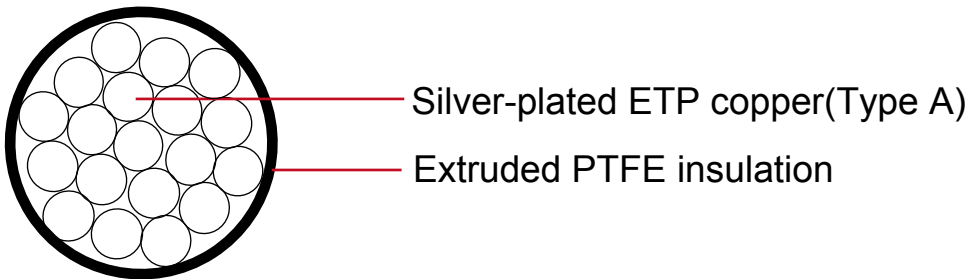
# Caledonian Military Cables

## MIL-W-81822/6

### Application and Description:

These extruded thin wall PTFE (polyvinylidene fluoride) insulated single-core MIL-W-81822/6 cables are used in back panel wire wrap applications. These wires have solid conductors for wire-wrap applications such as back panel wiring, with a choice of three conductor materials

### Construction:



### Conductor:

Type A: Silver-plated ETP copper

Type B: Silver-plated OFHC copper

Type C: Silver-plated High-Strength Copper Alloy

**Insulation:** Thin-wall extruded PTFE

### Characteristics:

**Temperature Range:** 200°C

**Voltage Rating:** 300 volts

**SAE AS81822/6**

**Color code:** MIL-STD-104(See page 65)



# Caledonian Military Cables

## Dimensions and Weight:

AWG Size	Conductor Stranding	Conductor Diam.		Insulation Diam. Min.		Insulation Diam. Max.		Max. Resistance @ 20°C OHMS/MFT	Approx LBS/MFT
		in	mm	in	mm	in	mm		
Type A									
20	Solid	0.0320	0.813	0.0540	1.370	0.0580	1.470	10.40	5.0
22	Solid	0.0253	0.643	0.0460	1.170	0.0500	1.270	16.80	3.4
24	Solid	0.0201	0.511	0.0400	1.020	0.0440	1.120	26.50	2.4
26	Solid	0.0159	0.404	0.0290	0.737	0.0330	0.838	42.70	1.4
28	Solid	0.0126	0.320	0.0240	0.610	0.0280	0.711	68.00	1.0
30	Solid	0.0100	0.254	0.0210	0.533	0.0270	0.610	108.00	0.7
Type B									
20	Solid	0.0320	0.813	0.0540	1.370	0.0580	1.470	10.40	5.0
22	Solid	0.0253	0.643	0.0460	1.170	0.0500	1.270	16.80	3.4
24	Solid	0.0201	0.511	0.0400	1.020	0.0440	1.120	26.50	2.4
26	Solid	0.0159	0.404	0.0290	0.737	0.0330	0.838	42.70	1.4
28	Solid	0.0126	0.320	0.0240	0.610	0.0280	0.711	68.00	1.0
30	Solid	0.0100	0.254	0.0210	0.533	0.0240	0.610	108.00	0.7
Type C									
20	Solid	0.0320	0.813	0.0540	1.370	0.0580	1.470	12.20	5.0
22	Solid	0.0253	0.643	0.0460	1.170	0.0500	1.270	19.70	3.4
24	Solid	0.0201	0.511	0.0400	1.020	0.0440	1.120	31.00	2.4
26	Solid	0.0159	0.404	0.0290	0.737	0.0330	0.838	50.40	1.4
28	Solid	0.0126	0.320	0.0240	0.610	0.0280	0.711	79.40	1.0
30	Solid	0.0100	0.254	0.0210	0.533	0.0240	0.610	126.00	0.7