



Caledonian Military Cables

MIL-W-81822/3

Application and Description:

These extruded PVDF (polyvinylidene fluoride) insulated single-core MIL-W-81822/3 cables are used in computer back panels and electronic equipment. This insulation provides weight savings with outstanding insulation toughness.

Construction:

Conductor: Type A: Silver-plated ETP copper

Type B: Silver-plated OFHC copper

Type C: Silver-plated Alloy 135 copper

Insulation: Extruded PVDF (polyvinylidene fluoride)

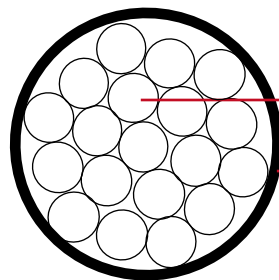
Characteristics:

Temperature Range: 135°C

Voltage Rating: 300 volts

Color Code:

MIL-STD-104(See page 65)



Silver-plated ETP copper(Type A)

Extruded PVDF insulation

Dimensions and Weight:

AWG Size	Conductor Stranding	Conductor Diam.		Nom. O.D.		Max. Resistance @ 20°C OHMS/ MFT	Approx LBS/MFT
		in	mm	in	mm		
18	Solid	0.040	1.016	0.0510	1.295	6.59	6.2
20	Solid	0.032	0.813	0.0440	1.118	10.40	4.1
22	Solid	0.0253	0.643	0.0390	0.991	16.80	2.5
24	Solid	0.0201	0.511	0.0340	0.864	26.50	1.7
26	Solid	0.0159	0.404	0.0295	0.749	42.70	1.5
28	Solid	0.0126	0.320	0.0265	0.673	68.00	0.8
30	Solid	0.0100	0.254	0.0195	0.495	108.00	0.5
18	Solid	0.0400	1.016	0.0540	1.372	6.59	4.7
20	Solid	0.0320	0.813	0.0460	1.168	10.40	3.6
22	Solid	0.0253	0.643	0.0390	0.991	16.80	2.5
24	Solid	0.0201	0.511	0.0340	0.864	26.50	1.9
26	Solid	0.0159	0.404	0.0295	0.749	42.70	1.2
28	Solid	0.0126	0.320	0.0265	0.673	68.00	0.8
30	Solid	0.0100	0.254	0.0195	0.495	108.00	0.5
18	Solid	0.040	1.016	0.051	1.295	7.74	6.2
20	Solid	0.032	0.813	0.044	1.118	12.20	4.1
22	Solid	0.0253	0.643	0.0390	0.991	19.70	2.5
24	Solid	0.0201	0.511	0.0340	0.864	31.00	1.7
26	Solid	0.0159	0.404	0.0295	0.749	50.40	1.2
28	Solid	0.0126	0.320	0.0265	0.673	79.40	0.8
30	Solid	0.0100	0.254	0.0195	0.495	126.00	0.5