



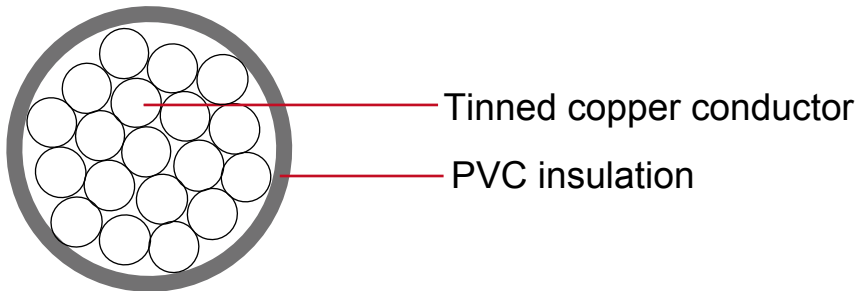
Caledonian Military Cables

MIL-W-16878/3 Type D Wire

Application and Description:

These PVC insulated single-core MIL-W-16878/3 (Type D) wires are used in electrical and electronic applications, military and aerospace industries. May be used for the internal wiring of electronic equipment, It is flame and chemical resistant. It is also resist to water, oil, acids, solvents and fungus.

Construction:



Tinned copper conductor

PVC insulation

Conductor: Stranded, tinned copper conductor

Insulation: Polyvinylchloride (PVC)

Insulation Wall Thickness: 0.03"

Characteristics:

Temperature Range: -55°C to 105°C

Voltage Rating: 3000 volts

MIL-W-16878/3(Type D)

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	
24	1/24	0.020	0.511	0.082	2.080	4.2
24	7/32	0.024	0.610	0.082	2.180	5.0
24	19/36	0.024	0.610	0.082	2.180	5.0
22	7/30	0.030	0.762	0.089	2.340	6.0
22	19/34	0.030	0.762	0.089	2.340	6.0
22	1/22	0.030	0.762	0.092	2.340	5.0
20	7/28	0.038	0.965	0.097	2.540	8.0
20	19/32	0.038	0.965	0.097	2.540	8.0
18	7/26	0.048	1.220	0.107	2.790	10.0
18	19/30	0.048	1.220	0.107	2.790	10.0
18	1/18	0.403	1.020	0.102	2.590	9.3
16	26/30	0.055	1.400	0.116	2.970	13.0
16	1/16	0.051	1.290	0.113	2.870	12.6
14	19/27	0.069	1.750	0.130	3.330	18.0
14	1/14	0.064	1.630	0.126	3.200	16.9
14	41/30	0.071	1.800	0.134	3.400	17.9
12	19/25	0.089	2.260	0.162	4.090	29.0
12	37/28	0.089	2.260	0.156	3.960	28.9
12	65/30	0.089	2.260	0.165	4.190	28.5
10	37/26	0.107	2.720	0.190	4.520	40.0
8	133/29	0.167	1.240	0.245	6.200	68.0
6	133/27	0.210	5.330	0.295	7.370	101.0
4	133/25	0.266	6.760	0.351	8.920	154.0
2	665/30	0.342	6.760	0.425	10.800	231.0
1	817/30	0.382	9.700	0.475	12.070	284.0
1/0	1045/30	0.431	10.950	0.530	13.460	361.0