



Mil-W-16878

Military Part Number

The part number for MIL-W-16878 wires is constructed as follows:

M16878/17 B F E 902
 Basic wire spec Conductor Material Conductor Size Conductor Stranding Color Code

Basic wire spec: See ABC's page for description of wire type.

Conductor Material. Specified by a single letter:

- B = Coated Copper**
- C = Coated copper-clad steel**
- D = Coated high strength copper alloy**
- E = Coated copper with overall metallic coating**

Conductor Size. The American Wire Gage (AWG) size is specified by a single letter:

<u>AWG</u>	<u>Letter</u>	<u>AWG</u>	<u>Letter</u>	<u>AWG</u>	<u>Letter</u>
32	A	18	H	4	R
30	B	16	J	2	S
28	C	14	K	1	T
26	D	12	L	0	U
24	E	10	M	00	V
22	F	8	N	000	Y
20	G	6	P	0000	Z

Conductor Stranding. The number of strands making up the conductor is specified by a single letter as follows:

<u># of Strands</u>	<u>Letter</u>	<u># of Strands</u>	<u>Letter</u>	<u># of Strands</u>	<u>Letter</u>
1	A	41	H	665	P
7	B	65	J	817	R
10	C	105	K	1045	S
16	D	133	L	1330	T
19	E	168	M	1672	U
26	F	259	N	2109	W
37	G				

(Bold indicates common stranding)

Color Code. The color code is designated by a single digit for solid colors and by multiple digits for striped wires as follows:

- 0 = Black** **1 = Brown** **2 = Red** **3 = Orange** **4 = Yellow**
- 5 = Green** **6 = Blue** **7 = Violet** **8 = Grey** **9 = White**

Stripe combinations. Example: -9037 = White with one Black, one Orange, and one Violet stripe.