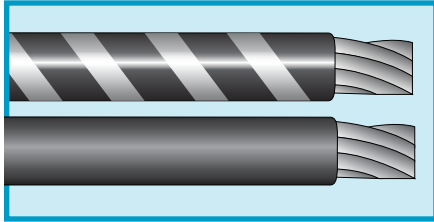


# Hook-Up Wire

## 600 V, PVC



### MIL-DTL-16878/1 (Type B) MIL-W-76 Type LW

#### Operating Temperature

- -55°C to +105°C

#### Materials

- Stranded or solid tinned copper conductor
- PVC insulation

#### Availability

100 ft (30.5 m)  
1000 ft (305 m)

Part No.	Wire Size		Stranding		Insulation Thickness		Nominal Diameter		Colors
	AWG	mm <sup>2</sup>	AWG	mm	Inch	mm	Inch	mm	
<b>1850</b>	32	0.03	7/40	7 x 0.08	0.010	0.25	0.029	0.74	Z1, 1 - 6
<b>1851*</b>	30	0.06	7/38	7 x 0.10	0.010	0.25	0.032	0.81	Z1, 1 - 6
<b>1852*</b>	28	0.09	7/36	7 x 0.12	0.010	0.25	0.035	0.89	Z1, 1 - 10
<b>1853*</b>	26	0.14	7/34	7 x 0.16	0.010	0.25	0.039	0.99	Z1, 1 - 19
<b>172619</b>	26	0.15	19/38	19 x 0.10	0.010	0.25	0.040	1.02	Z2, 0 - 9
<b>1854*</b>	24	0.23	7/32	7 x 0.20	0.010	0.25	0.044	1.12	Z1, 1 - 19
<b>1854/19</b>	24	0.24	19/36	19 x 0.13	0.010	0.25	0.045	1.14	Z1, 1 - 19
<b>1855</b>	22	0.35	7/30	7 x 0.25	0.010	0.25	0.050	1.27	Z1, 1 - 19
<b>1855/19</b>	22	0.38	19/34	19 x 0.16	0.010	0.25	0.052	1.32	Z1, 1 - 19
<b>1856*</b>	20	0.56	7/28	7 x 0.32	0.010	0.25	0.058	1.47	Z1, 1 - 19
<b>1856/19</b>	20	0.62	19/32	19 x 0.20	0.010	0.25	0.060	1.52	Z1, 1 - 19
<b>1857</b>	18	0.90	7/26	7 x 0.40	0.010	0.25	0.068	1.73	Z1, 1 - 19
<b>1857/19</b>	18	0.96	19/30	19 x 0.25	0.010	0.25	0.070	1.78	Z1, 1 - 19
<b>1858/19</b>	16	1.23	19/29	19 x 0.29	0.010	0.25	0.076	1.93	Z1, 1 - 19
<b>1859/19</b>	14	1.94	19/27	19 x 0.36	0.010	0.25	0.091	2.31	Z1, 1 - 10

\*Also meets MIL-W-76 Type LW.

#### Insulation Colors Z1

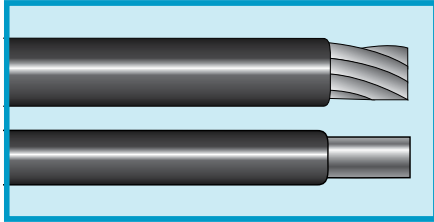
1 White	5 Yellow	9 Slate	13 White/Green	17 White/Orange
2 Black	6 Blue	10 Violet	14 White/Yellow	18 White/Slate
3 Red	7 Brown	11 White/Black	15 White/Blue	19 White/Violet
4 Green	8 Orange	12 White/Red	16 White/Brown	

#### Insulation Colors Z2

0 Black	4 Yellow	8 Slate
1 Brown	5 Green	9 White
2 Red	6 Blue	
3 Orange	7 Violet	

# Hook-Up Wire

1000 V, PVC



## MIL-W-76 B Type MW

### Operating Temperature

- -40°C to +80°C

### Materials

- Stranded or solid tinned copper conductor
- PVC insulation

### Availability

100 ft (30.5 m)  
1000 ft (305 m)

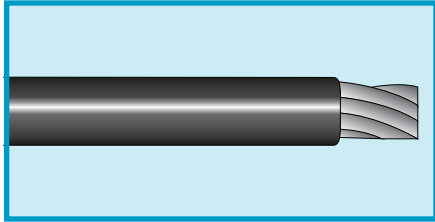
Part No.	Wire Size		Stranding		Insulation Thickness		Nominal Diameter		Colors*
	AWG	mm <sup>2</sup>	AWG	mm	Inch	mm	Inch	mm	
<b>1550</b>	24	0.23	7/32	7 x 0.20	0.016	0.41	0.056	1.42	1 - 19
<b>1561/24</b>	24	0.20	Solid	1 x 0.51	0.016	0.41	0.052	1.32	1 - 6
<b>1551</b>	22	0.35	7/30	7 x 0.25	0.016	0.41	0.062	1.57	1 - 19
<b>1561</b>	22	0.32	Solid	1 x 0.64	0.016	0.41	0.057	1.45	1 - 6
<b>1553</b>	20	0.51	10/30	10 x 0.25	0.016	0.41	0.069	1.75	1 - 19
<b>1563</b>	20	0.52	Solid	1 x 0.81	0.016	0.41	0.064	1.63	1 - 6
<b>1555</b>	18	0.81	16/30	16 x 0.25	0.016	0.41	0.079	2.01	1 - 19
<b>1565</b>	18	0.82	Solid	1 x 1.02	0.016	0.41	0.072	1.83	1 - 6
<b>1557</b>	16	1.32	26/30	26 x 0.25	0.016	0.41	0.092	2.34	1 - 19
<b>1559</b>	14	2.08	41/30	41 x 0.25	0.016	0.41	0.106	2.69	1 - 10
<b>1560</b>	12	3.29	65/30	65 x 0.25	0.016	0.41	0.125	3.18	1 - 10

### Insulation Colors

1 White	5 Yellow	9 Slate	13 White/ Green	17 White/ Orange
2 Black	6 Blue	10 Violet	14 White/ Yellow	18 White/ Slate
3 Red	7 Brown	11 White/ Black	15 White/Blue	19 White/ Violet
4 Green	8 Orange	12 White/Red	16 White/ Brown	

# Hook-Up Wire

1000/300 V, Irradiated PVC  
Soldering Iron Resistant



**MIL-DTL-16878/2 (Type C)  
(1000 V)**  
**UL AWM 1430 (300 V)**  
**CSA REW XLPVC FT1 (300 V)**

### Operating Temperature

- -55°C to +105°C

### Materials

- Stranded tinned copper conductor
- Irradiated PVC insulation

### Availability

100 ft (30.5 m)  
1000 ft (305 m)

Part No.	Wire Size		Stranding		Insulation Thickness		Nominal Diameter		Colors
	AWG	mm <sup>2</sup>	AWG	mm	Inch	mm	Inch	mm	
<b>7130</b>	24	0.23	7/32	7 x 0.20	0.016	0.41	0.056	1.42	1 - 10, 29
<b>7131</b>	22	0.35	7/30	7 x 0.25	0.016	0.41	0.062	1.57	1 - 10
<b>7132</b>	20	0.56	7/28	7 x 0.32	0.016	0.41	0.070	1.78	1 - 10
<b>7133</b>	18	0.89	7/26	7 x 0.40	0.016	0.41	0.080	2.03	1 - 10, 29
<b>7134</b>	16	1.32	19/0.0117	19 x 0.30	0.016	0.41	0.088	2.24	1 - 10, 29
<b>7035*</b>	14	2.07	19/0.0147	19 x 0.37	0.016	0.41	0.103	2.62	1 - 10, 29
<b>7036*</b>	12	3.29	19/0.0185	19 x 0.47	0.016	0.41	0.122	3.10	1 - 10, 29

\*UL AWM 3317

### Insulation Colors

1 White	5 Yellow	9 Slate
2 Black	6 Blue	10 Violet
3 Red	7 Brown	29 Yellow/Green
4 Green	8 Orange	