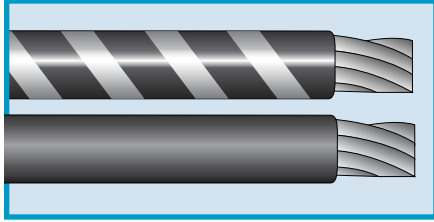


# Hook-Up Wire

## 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 |         |