

# HOOK-UP WIRE

## PVC INSULATION

MIL-W-16878E TYPE B  
105°C, 600 VOLT

### CHARACTERISTICS

**OPERATING TEMPERATURE:**

- -55°C to 105°C

**VOLTAGE RATING:**

- 600 Volt

**PRODUCT DESCRIPTION:**

- Conductor: Stranded Tinned Copper
- Insulation: Color-Coded PVC

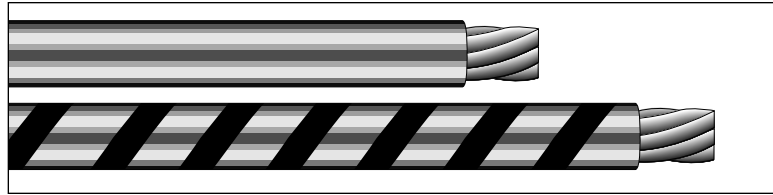
### SPECIFICATIONS

- MIL-W-16878E Type B



### AVAILABILITY

- 100 ft (30,5m), 1000 ft (305m) put-ups



Alpha Part No.	Type Designation	Conductor AWG	Strand	Insul. Thickness		Diameter		Stock Colors*
				Inches	mm	Inches	mm	
1850	B-32	32	7/40	0.010	0,25	0.028	0,71	1-6
1851†	B-30	30	7/38	0.010	0,25	0.032	0,81	1-6
1852†	B-28	28	7/36	0.010	0,25	0.034	0,86	1-10
1853†	B-26	26	7/34	0.010	0,25	0.038	0,96	1-19
1854†	B-24	24	7/32	0.010	0,25	0.043	1,09	1-19
1854/19	B-24	24	19/36	0.010	0,25	0.043	1,09	1-19
1855†	B-22	22	7/30	0.010	0,25	0.050	1,27	1-19
1855/19	B-22	22	19/34	0.010	0,25	0.050	1,27	1-19
1856†	B-20	20	7/28	0.010	0,25	0.058	1,47	1-19
1856/19	B-20	20	19/32	0.010	0,25	0.058	1,47	1-19
1857	B-18	18	7/26	0.010	0,25	0.068	1,73	1-19
1857/19	B-18	18	19/30	0.010	0,25	0.068	1,73	1-19
1858/19	B-16	16	19/29	0.010	0,25	0.077	1,96	1-19
1859/19	B-14	14	19/27	0.010	0,25	0.091	2,31	1-10

† Also meets MIL-W-76B Type LW  
\*See color chart below

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UL 1015, CSA TEW-105  
105°C, 600 VOLT

## PVC INSULATION

### CHARACTERISTICS

**OPERATING TEMPERATURE:**

- -20°C to 105°C

**VOLTAGE RATING:**

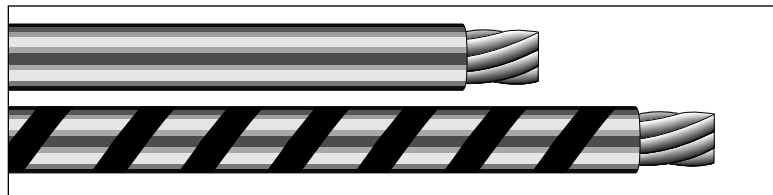
- 600 Volt

**PRODUCT DESCRIPTION:**

- Conductor: Stranded Tinned Copper
- Insulation: Color-Coded PVC

### SPECIFICATIONS

- UL AWM Style 1015
- CSA TEW-105



Alpha Part No.	Conductor AWG	Strand	Insul. Thickness		Diameter		Stock Colors*
			Inches	mm	Inches	mm	
3070	24	7/32	0.032	0,81	0.088	2,24	1-10+28
3071	22	7/30	0.032	0,81	0.094	2,38	1-10+28,29
3073	20	10/30	0.032	0,81	0.100	2,54	1-10+28
3075	18	16/30	0.032	0,81	0.112	2,85	1-10+28,29
3077	16	26/30	0.032	0,81	0.124	3,14	1-10+28,29
3079	14	41/30	0.032	0,81	0.134	3,61	1-10+28,29
3080	12	65/30	0.032	0,81	0.162	3,93	1-4
3081	10	105/30	0.032	0,81	0.180	4,83	1-4

\*See color chart below

### AVAILABILITY

- 100 ft (30,5m), 1000 ft (305m) put-ups

#### \*STOCK COLOR CHART

1-White	3-Red	5-Yellow	7-Brown	9-Gray	11-White/Black	13-White/Green	15-White/Blue	17-White/Orange	19-White/Violet	29-Yellow/Green
2-Black	4-Green	6-Blue	8-Orange	10-Violet (purple)	12-White/Red	14-White/Yellow	16-White/Brown	18-White/Gray	28-Green/Yellow	30-Pink

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