



**Part Number: 8916**

Hook-Up/Lead Wire UL AWM Style 1015, (1) 14 AWG (41x30) TC, PVC, 600V, 105°C

[Request Sample](#)

## Product Description

One 14 AWG stranded (41x30) tinned copper conductor, PVC insulation.

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

| AWG | Stranding | Material           | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 14  | 41x30     | TC - Tinned Copper | 1                 |

|                  |        |
|------------------|--------|
| Conductor Count: | 1      |
| Conductor Size:  | 14 AWG |

#### Insulation

| Material                 | Nominal Diameter | Nominal Wall Thickness | Min. Average Wall Thickness |
|--------------------------|------------------|------------------------|-----------------------------|
| PVC - Polyvinyl Chloride | 0.138 in         | 0.0325 in              | 0.03 in                     |

#### Outer Jacket Material

| Material  | Nominal Diameter |
|-----------|------------------|
| No Jacket | 0.138 in         |

### Electrical Characteristics

#### Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 2.4 Ohm/1000ft        |

|            |            |
|------------|------------|
| Shielding: | Unshielded |
|------------|------------|

#### Current

| Element                                     | Max. Recommended Current [A]                        |
|---|---|
| Single conductor in free air @ 30C ambient. | Single conductor in free air @ 30C ambient. 39 amps |

#### Voltage

| UL Voltage Rating |
|-------------------|
| 600 V RMS         |

### Temperature Range

|                       |                 |
|-----------------------|-----------------|
| UL Temp Rating:       | 105°C           |
| Operating Temp Range: | -30°C To +105°C |

### Mechanical Characteristics

|                    |               |
|--------------------|---------------|
| Bulk Cable Weight: | 19 lbs/1000ft |
|--------------------|---------------|

### Standards

|                         |              |
|-------------------------|--------------|
| NEC/(UL) Specification: | MTW or TW    |
| UL AWM Style:           | 1015, 1230   |
| CSA Rating:             | 600 V, 105°C |
| CSA AWM Specification:  | AWM I A/B    |

|                         |                  |
|-------------------------|------------------|
| CSA Type:               | AWM I A/B or TEW |
| Military Specification: | N/A              |

### Applicable Environmental and Other Programs

|                                       |                               |
|---------------------------------------|-------------------------------|
| EU Directive 2000/53/EC (ELV):        | Yes                           |
| EU Directive 2003/96/EC (BFR):        | Yes                           |
| EU Directive 2011/65/EU (ROHS II):    | Yes                           |
| EU Directive 2012/19/EU (WEEE):       | Yes                           |
| EU Directive 2015/863/EU:             | Yes                           |
| EU Directive Compliance:              | EU Directive 2003/11/EC (BFR) |
| EU CE Mark:                           | Yes                           |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2005-07-01                    |
| CA Prop 65 (CJ for Wire & Cable):     | Yes                           |
| MII Order #39 (China RoHS):           | Yes                           |

### Flammability, LSOH, Toxicity Testing

|                    |           |
|--------------------|-----------|
| UL Flammability:   | VW-1      |
| CSA Flammability:  | FT1       |
| UL voltage rating: | 600 V RMS |

### Part Number

#### Variants

| Item #       | Color                | Footnote |
|--------------|----------------------|----------|
| 8916 010100  | Black                |          |
| 8916 0104000 | Black                | C        |
| 8916 010500  | Black                |          |
| 8916 013100  | Blue, Dark           |          |
| 8916 013500  | Blue, Dark           |          |
| 8916 001100  | Brown                |          |
| 8916 0014000 | Brown                | C P      |
| 8916 001500  | Brown                |          |
| 8916 008500  | Gray                 | P        |
| 8916 005100  | Green, Dark          |          |
| 8916 0054000 | Green, Dark          | C P      |
| 8916 005500  | Green, Dark          |          |
| 8916 189100  | Green, Yellow Stripe | A        |
| 8916 189500  | Green, Yellow Stripe | A        |
| 8916 003100  | Orange               |          |
| 8916 003500  | Orange               |          |
| 8916 002100  | Red                  |          |
| 8916 0024000 | Red                  | C P      |
| 8916 002500  | Red                  |          |
| 8916 007500  | Violet               | P        |
| 8916 009100  | White                |          |
| 8916 009500  | White                |          |
| 8916 004100  | Yellow               |          |
| 8916 004500  | Yellow               |          |

|           |   |
|-----------|---|
| Footnote: | P - STRIPE COLORS ON STOCK SOLID COLORS. STRIPING ADDER OF \$8.00/M= FOR 1 OR 2 STRIPES. 10,000' MINIMUM ORDER FOR COLOR COMBINATION. PUT-UP WILL BE SUBJECT TO TWO PIECES (+ OR -) 10% PER SPOOL, WITH A MINIMUM LENGTH OF 100'. |
| Footnote: | C - CRATE REEL PUT-UP.  |
| Footnote: | A - STOCKED STRIPE COLORS.  |

© 2018 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.