

For more Information
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1-800-Belden1



General Description:

12 AWG stranded (65x30) tinned copper conductor, PVC insulation. Rated 105°C, 600V. Rated 2500V peak for electronic circuits, and internal wiring of electronic and electrical equipment.

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 1 | 12 | 65x30 | TC - Tinned Copper |

Total Number of Conductors: 1

Insulation

Insulation Material:

| Insulation Material | Min. Avg. Wall (in.) |
|--------------------------|----------------------|
| PVC - Polyvinyl Chloride | 0.030 |

Overall Insulation

Overall Cable

Overall Nominal Diameter: 0.158 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -25°C To +105°C

Bulk Cable Weight: 27.800 lbs/1000 ft.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

UL Rating: 600 V, 105°C

UL Type: MTW or TW or AWM 1015/1230

CSA Rating: 600 V, 105°C

CSA Type: AWM I A/B or TEW

EU Directive 2011/65/EU (ROHS II): Yes

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

EU RoHS Compliance Date (mm/dd/yyyy): 07/01/2005

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

Flame Test

UL Flame Test: VW-1

CSA Flame Test: FT1

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

| DCR @ 20°C (Ohm/1000 ft) |
|--------------------------|
| 1.500 |

Max. Operating Voltage - UL:

| Voltage |
|-----------|
| 600 V RMS |

Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

9912 Hook-up/Lead - UL AWM Style 1015

Max. Recommended Current:

| Description | Current |
|--|---------|
| Single conductor in free air @ 30C ambient | 51 amps |

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------------|----------|-------------|-------------|-------|------------------|
| 9912 001100 | 100 FT | 3.500 LB | BROWN | | 12 STR PVC BRN |
| 9912 002100 | 100 FT | 3.500 LB | RED | | 12 STR PVC RED |
| 9912 0022000 | 2,000 FT | 58.000 LB | RED | C | 12 STR PVC RED |
| 9912 002250 | 250 FT | 8.000 LB | RED | | 12 STR PVC RED |
| 9912 003250 | 250 FT | 8.000 LB | ORANGE | | 12 STR PVC ORG |
| 9912 004100 | 100 FT | 3.500 LB | YELLOW | | 12 STR PVC YEL |
| 9912 004250 | 250 FT | 8.000 LB | YELLOW | | 12 STR PVC YEL |
| 9912 005100 | 100 FT | 3.500 LB | GREEN, DARK | | 12 STR PVC D GRN |
| 9912 0052000 | 2,000 FT | 58.000 LB | GREEN, DARK | C | #12 STR PVC DGRN |
| 9912 005250 | 250 FT | 8.000 LB | GREEN, DARK | | 12 STR PVC D GRN |
| 9912 008250 | 250 FT | 8.000 LB | GRAY | | #12 STR PVC GRY |
| 9912 009100 | 100 FT | 3.500 LB | WHITE | | 12 STR PVC WHT |
| 9912 0092000 | 2,000 FT | 60.000 LB | WHITE | C | #12 STR PVC WHT |
| 9912 009250 | 250 FT | 8.000 LB | WHITE | | 12 STR PVC WHT |
| 9912 010100 | 100 FT | 3.500 LB | BLACK | | 12 STR PVC BLK |
| 9912 0102000 | 2,000 FT | 60.000 LB | BLACK | C | #12 STR PVC BLK |
| 9912 010250 | 250 FT | 8.000 LB | BLACK | | 12 STR PVC BLK |
| 9912 013100 | 100 FT | 3.500 LB | BLUE, DARK | | 12 STR PVC D BLU |
| 9912 013250 | 250 FT | 8.000 LB | BLUE, DARK | | 12 STR PVC D BLU |

Notes:

C = CRATE REEL PUT-UP.

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