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## General Description:

Tinned copper conductor, PVC insulation. Rated 105°C, 300V. Rated 600V peak for electronic circuits, and internal wiring of electronic and electrical equipment.

## Physical Characteristics (Overall)

### Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 1            | 24  | 7x32      | TC - Tinned Copper |

Total Number of Conductors: 1

### Insulation

Insulation Material:

| Insulation Material      | Wall Thickness (mm) | Min. Avg. Wall (mm) |
|--------------------------|---------------------|---------------------|
| PVC - Polyvinyl Chloride | 0.406               | 0.381               |

### Overall Insulation

#### Overall Cable

Overall Nominal Diameter: 1.422 mm

## Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +105°C

Bulk Cable Weight: 3.869 Kg/Km

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

UL AWM Style: UL Style 1007 (300 V 80°C), UL Style 1569 (300 V 105°C)

UL Rating: 300 V RMS, 80°C and 300 V, 105°C

CSA Rating: 300 V RMS, 105°C

CSA Type: TRSR-64

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): 10/01/2005

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

### Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

| DCR @ 20°C (Ohm/km) |
|---------------------|
| 76.283              |

Max. Operating Voltage - UL:

# Detailed Specifications & Technical Data



## METRIC MEASUREMENT VERSION

### 9923 Hook-up/Lead - UL AWM Style 1007 and 1569

#### Voltage

300 V

#### Max. Recommended Current:

| Description                                | Current |
|--|---------|
| Single conductor in free air @ 30C ambient | 7 A     |

#### Put Ups and Colors:

| Item #       | Putup    | Ship Weight | Color       | Notes | Item Desc        |
|--------------|----------|-------------|-------------|-------|------------------|
| 9923 0011000 | 1,000 FT | 3.000 LB    | BROWN       | P     | 24 STR PVC BRN   |
| 9923 002100  | 100 FT   | 0.300 LB    | RED         |       | 24 STR PVC RED   |
| 9923 0021000 | 1,000 FT | 3.000 LB    | RED         | P     | 24 STR PVC RED   |
| 9923 0025000 | 5,000 FT | 15.000 LB   | RED         | P     | #24 STR PVC RED  |
| 9923 0031000 | 1,000 FT | 3.000 LB    | ORANGE      | P     | 24 STR PVC ORG   |
| 9923 0041000 | 1,000 FT | 3.000 LB    | YELLOW      | P     | 24 STR PVC YEL   |
| 9923 0051000 | 1,000 FT | 3.000 LB    | GREEN, DARK | P     | 24 STR PVC GRN   |
| 9923 0071000 | 1,000 FT | 3.000 LB    | VIOLET      | P     | 24 STR PVC VIO   |
| 9923 0081000 | 1,000 FT | 3.000 LB    | GRAY        | P     | 24 STR PVC GRY   |
| 9923 009100  | 100 FT   | 0.300 LB    | WHITE       |       | 24 STR PVC WHT   |
| 9923 0091000 | 1,000 FT | 3.000 LB    | WHITE       | P     | 24 STR PVC WHT   |
| 9923 010100  | 100 FT   | 0.300 LB    | BLACK       |       | 24 STR PVC BLK   |
| 9923 0101000 | 1,000 FT | 3.000 LB    | BLACK       | P     | 24 STR PVC BLK   |
| 9923 0105000 | 5,000 FT | 15.000 LB   | BLACK       | C     | #24 STR PVC BLK  |
| 9923 0131000 | 1,000 FT | 3.000 LB    | BLUE, DARK  | P     | 24 STR PVC D BLU |

#### Notes:

C = CRATE REEL PUT-UP.

P = STRIPE COLORS ON STOCK SOLID COLORS. STRIPING ADDER OF \$8.00/M' FOR 1 OR 2 STRIPES. 10000' MINIMUM ORDER FOR COLOR COMBINATION. PUT-UP WILL BE SUBJECT TO TWO PIECES (+ OR -) 10% PER SPOOL

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