



For more Information  
please call

1-800-Belden1



## General Description:

Tinned copper conductor, semi-rigid PVC insulation (solid conductors suitable for wire wrap applications).

## Physical Characteristics (Overall)

### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
1	24	Solid	TC - Tinned Copper

Total Number of Conductors: 1

### Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.254

### Overall Insulation

#### Overall Cable

Overall Nominal Diameter: 1.016 mm

## Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +80°C

Bulk Cable Weight: 2.976 Kg/Km

Min. Bend Radius/Minor Axis: 7.938 mm

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

UL Rating: 300 V RMS, 80°C

CSA Rating: 300 V RMS, 80°C

CSA Type: AWM I, A/B

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)
79.564

Max. Operating Voltage - UL:

Voltage

300 VRMS

**Max. Recommended Current:**

Description	Current
Single conductor @ 25C ambient (35C temperature rise)	3.5 amps

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9975 0011000	1,000 FT	2.000 LB	BROWN	P	24 SOL PVC BRN
9975 002100	100 FT	0.200 LB	RED		24 SOL PVC RED
9975 0021000	1,000 FT	2.000 LB	RED	P	24 SOL PVC RED
9975 0025000	5,000 FT	10.000 LB	RED	P	#24 SOL PVC RED
9975 0031000	1,000 FT	2.000 LB	ORANGE	P	24 SOL PVC ORG
9975 0041000	1,000 FT	2.000 LB	YELLOW	P	24 SOL PVC YEL
9975 0051000	1,000 FT	2.000 LB	GREEN, DARK	P	24 SOL PVC GRN
9975 0071000	1,000 FT	2.000 LB	VIOLET	P	24 SOL PVC VIO
9975 0081000	1,000 FT	2.000 LB	GRAY	P	24 SOL PVC GRY
9975 0091000	1,000 FT	2.000 LB	WHITE	P	24 SOL PVC WHT
9975 010100	100 FT	0.200 LB	BLACK		24 SOL PVC BLK
9975 0101000	1,000 FT	2.000 LB	BLACK	P	24 SOL PVC BLK
9975 0105000	5,000 FT	10.000 LB	BLACK	P	#24 SOL PVC BLK
9975 0131000	1,000 FT	2.000 LB	BLUE, DARK	P	24 SOL PVC DBLU

**Notes:**

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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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.