

For more Information  
please call

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

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.

Revision Number: 2 Revision Date: 09-03-2013

© 2015 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 herein 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 "AS IS" 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 EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure 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. This 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. Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.