

For more Information
please call

1-800-Belden1



General Description:

18 AWG stranded (16x30) 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	18	16x30	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: 0.110 in.

Mechanical Characteristics (Overall)

Bulk Cable Weight: 10 lbs/1000 ft.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

UL Rating: 600 V, 105°C

UL Type: MTW, AWM 1015 or 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

MIL 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/1000 ft)

5.900

Max. Recommended Current:

Description Current

Single conductor in free air @ 30C ambient 20 amps

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8918 001100	100 FT	1.300 LB	BROWN		18 STR PVC BRN
8918 0011000	1,000 FT	11.000 LB	BROWN	P	18 STR PVC BRN
8918 002100	100 FT	1.300 LB	RED		18 STR PVC RED
8918 0021000	1,000 FT	11.000 LB	RED	P	18 STR PVC RED
8918 0025000	5,000 FT	55.000 LB	RED	C	#18 STR PVC RED
8918 003100	100 FT	1.300 LB	ORANGE		18 STR PVC ORG
8918 0031000	1,000 FT	11.000 LB	ORANGE	P	18 STR PVC ORG
8918 004100	100 FT	1.300 LB	YELLOW		18 STR PVC YEL
8918 0041000	1,000 FT	11.000 LB	YELLOW	P	18 STR PVC YEL
8918 0045000	5,000 FT	55.000 LB	YELLOW	C	#18 STR PVC YEL
8918 005100	100 FT	1.300 LB	GREEN, DARK		18 STR PVC GRN
8918 0051000	1,000 FT	11.000 LB	GREEN, DARK	P	18 STR PVC GRN
8918 0055000	5,000 FT	50.000 LB	GREEN, DARK	P	#18 STR PVC DGRN
8918 0071000	1,000 FT	11.000 LB	VIOLET	P	#18 STR PVC VIO
8918 0081000	1,000 FT	11.000 LB	GRAY	P	#18 STR PVC GRY
8918 0085000	5,000 FT	55.000 LB	GRAY	P	#18 STR PVC GRY
8918 009100	100 FT	1.300 LB	WHITE		18 STR PVC WHT
8918 0091000	1,000 FT	11.000 LB	WHITE	P	18 STR PVC WHT
8918 0095000	5,000 FT	55.000 LB	WHITE	C	#18 STR PVC WHT
8918 010100	100 FT	1.300 LB	BLACK		18 STR PVC BLK
8918 0101000	1,000 FT	11.000 LB	BLACK	P	18 STR PVC BLK
8918 0105000	5,000 FT	55.000 LB	BLACK	C	#18 STR PVC BLK
8918 013100	100 FT	1.300 LB	BLUE, DARK		18 STR PVC D BLU
8918 0131000	1,000 FT	11.000 LB	BLUE, DARK	P	18 STR PVC D BLU
8918 0135000	5,000 FT	55.000 LB	BLUE, DARK	C	#18 STR PVC DBLU
8918 189100	100 FT	1.300 LB	GREEN/YELLOW	A	18 STR PVC GRN/YEL
8918 1891000	1,000 FT	11.000 LB	GREEN/YELLOW	A	18 STR PVC GRN/YEL

Notes:

A = STOCKED STRIPE COLORS.

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

Revision Number: 2 Revision Date: 03-20-2013

© 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.