

For more Information  
please call

1-800-Belden1



## General Description:

Tinned copper, PVC insulation, medium wall. The extruded PVC insulation is flame and ozone resistant. Inert to most chemicals, oils, and solvents. Covers single cond., PVC insulated hook-up wire for internal wiring of electrical and electronic 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	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.017

### Overall Insulation

#### Overall Cable

Overall Nominal Diameter: 0.080 in.

## Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +80°C

Bulk Cable Weight: 7 lbs/1000 ft.

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

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

MIL Order #39 (China RoHS): Yes

Military Specification: MIL-W-76C type MWP

MIL Spec Rating: 1000 V, 80°C

### Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.350

Max. Operating Voltage - Other:

Voltage	Description
1000 V RMS	Mil-W-76C

Max. Recommended Current:

Description	Current
Single conductor in free air @ 30C ambient	16 amps

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8522 001100	100 FT	0.800 LB	BROWN		18 STR PVC BRN
8522 0011000	1,000 FT	8.000 LB	BROWN	P	18 STR PVC BRN
8522 002100	100 FT	0.800 LB	RED		18 STR PVC RED
8522 0021000	1,000 FT	8.000 LB	RED	P	18 STR PVC RED
8522 003100	100 FT	0.800 LB	ORANGE		18 STR PVC ORG
8522 0031000	1,000 FT	8.000 LB	ORANGE	P	18 STR PVC ORG
8522 004100	100 FT	0.800 LB	YELLOW		18 STR PVC YEL
8522 0041000	1,000 FT	8.000 LB	YELLOW	P	18 STR PVC YEL
8522 005100	100 FT	0.800 LB	GREEN, DARK		18 STR PVC GRN
8522 0051000	1,000 FT	8.000 LB	GREEN, DARK	P	18 STR PVC GRN
8522 006100	100 FT	0.800 LB	BLUE, LIGHT		18 STR PVC LBLU
8522 0061000	1,000 FT	8.000 LB	BLUE, LIGHT	P	18 STR PVC LBLU
8522 007100	100 FT	0.800 LB	VIOLET		18 STR PVC VIO
8522 0071000	1,000 FT	8.000 LB	VIOLET	P	18 STR PVC VIO
8522 008100	100 FT	0.800 LB	GRAY		18 STR PVC GRY
8522 0081000	1,000 FT	8.000 LB	GRAY	P	18 STR PVC GRY
8522 009100	100 FT	0.800 LB	WHITE		18 STR PVC WHT
8522 0091000	1,000 FT	8.000 LB	WHITE	P	18 STR PVC WHT
8522 010100	100 FT	0.800 LB	BLACK		18 STR PVC BLK
8522 0101000	1,000 FT	8.000 LB	BLACK	P	18 STR PVC BLK
8522 0111000	1,000 FT	8.000 LB	TAN	P	18 STR PVC TAN
8522 0121000	1,000 FT	8.000 LB	PINK	P	18 STR PVC PNK
8522 013100	100 FT	0.800 LB	BLUE, DARK		18 STR PVC DBLU
8522 0131000	1,000 FT	8.000 LB	BLUE, DARK	P	18 STR PVC DBLU
8522 014100	100 FT	0.800 LB	WHITE/BLACK	A	18 STR PVC WHT/BLK
8522 0141000	1,000 FT	8.000 LB	WHITE/BLACK	A	18 STR PVC WHT/BLK
8522 0151000	1,000 FT	8.000 LB	WHITE/RED	A	18 STR PVC WHT/RED
8522 0161000	1,000 FT	8.000 LB	WHITE/GREEN	A	18 STR PVC WHT/GRN
8522 018100	100 FT	0.800 LB	WHITE/BLUE	A	18 STR PVC WHT/BLU
8522 0181000	1,000 FT	8.000 LB	WHITE/BLUE	A	18 STR PVC WHT/BLU
8522 020100	100 FT	0.800 LB	WHITE/ORANGE	A	18 STR PVC WHT/ORG
8522 0201000	1,000 FT	8.000 LB	WHITE/ORANGE	A	18 STR PVC WHT/ORG
8522 0261000	1,000 FT	8.000 LB	WHITE/BLACK/BLUE	A	18 STR PVC WHT/BLK/BLU
8522 0301000	1,000 FT	8.000 LB	WHITE/BLACK/VIOLET	A	18 STR PVC WHT/BLK/VIO

**Notes:**

A = STOCKED STRIPE COLORS.

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: 1    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.



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.