



## Product: [9460](#)

Electronic, 1 Pr #18 Str TC, PE Ins, OS, PVC Jkt, CM

 [Request Sample](#)

### Product Description

Electronic, 1 Pair 18AWG (16x30) Tinned Copper, PE Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, CM

### Technical Specifications

#### Product Overview

Suitable Applications:	for use with automatic stripping equipments; low voltage analog signals (4-20ma, 0-10v, ...); low voltage digital control (24v, ...); line level audio; computer communication; panel wiring
------------------------	--

#### Construction Details

##### Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	1	18 AWG	16x30	TC - Tinned Copper

##### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PE - Polyethylene	0.018 in (0.46 mm)	0.082 in (2.1 mm)	Black & Clear

##### Outer Shield

Shield Type	Material	Coverage	Drainwire Type	Notes
Tape	Bi-Laminate (Alum+Poly)	100%	20 AWG (7x28) TC	Foil-In

##### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.030 in (0.76 mm)	0.230 in (5.84 mm)

Overall Cable Diameter (Nominal):	0.230 in (5.84 mm)
-----------------------------------	--------------------

#### Electrical Characteristics

##### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedance	Nom. Inductance	Max. Current
Pair(s)	6.5 Ohm/1000ft	29.8 pF/ft (97.8 pF/m)	44 pF/ft (140 pF/m)	57 Ohm	0.18 $\mu$ H/ft (0.59 $\mu$ H/m)	5.2 Amps per Conductor at 25°C

##### Voltage

UL Voltage Rating
300 V (CM)

#### Mechanical Characteristics

##### Temperature

UL Temperature	Operating
60°C	-20°C to +60°C

##### Bend Radius

Stationary Min.	Installation Min.
-----------------	-------------------

2.3 in (58 mm)

2.3 in (58 mm)

Max. Pull Tension: 62 lbs (28 kg)

Bulk Cable Weight: 34 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL 1685 UL loading , IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CM
CEC / C(UL) Compliance:	CM
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## Product Notes

Notes:	The jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain wire is on the inside of foil shield.
--------	---

## History

Update and Revision:	Revision Number: 0.535 Revision Date: 09-07-2025
----------------------	--

## Part Numbers

### Variants

Item #	Color	UPC	Footnote
9460 0105000	Black	612825253334	C Z
9460 0605000	Chrome	612825253365	C Z
9460 060U1000	Chrome	612825253341	
9460 060U500	Chrome	612825253358	

Footnote:	C - CRATE REEL PUT-UP., Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.
-----------	--

© 2025 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 here in 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 all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information 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. The 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.