Product: 8760

Electronic, 2 C #18 Str TC, PE Ins, OS, PVC Jkt, CM

Request Sample

Product Description

Electronic, 2 Conductor 18AWG (16x30) Tinned Copper, PE Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, CM

Technical Specifications

Product Overview

Suitable Applications:	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
Tape	Bi-Laminate (Alum+Poly)	100%	20 AWG (7x28) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.028 in (0.71 mm)	0.222 in (5.64 mm)

Overall Cable Diameter (Nominal):	0.222 in (5.64 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Pair(s)	7.06 Ohm/1000ft	27.2 pF/ft (89.2 pF/m)	14 Amps per Conductor at 30ºC

Voltage

UL Voltage Rating
300 V (CM), 300 V (UL AWM 2092))

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
2.2 in (56 mm)	2.2 in (56 mm)

Max. Pull Tension:	54.2 lbs (24.6 kg)

Bulk Cable Weight:	25 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL 1685 UL loading , IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca; CPR UKCA Class: Eca
NEC / UL Compliance:	Article 800, CM
AWM Compliance:	AWM 2092
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
Plenum Number:	88760, 87760 or 82760

History

Update and Revision:	Revision Number: 0.559 Revision Date: 02-15-2024

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC/EAN	Footnote
8760.00U152	Chrome	UnReel	152 m	8719605018793	
8760.01152	Chrome	Reel	152 m	8719605018809	
8760 060250	Chrome	Reel	250 ft	612825215189	
8760.01305	Chrome	Reel	305 m	8719605018823	
8760.01U305	Chrome	UnReel	305 m	8719605018830	
8760 060500	Chrome	Reel	500 ft	612825215196	C
8760 060U500	Chrome	UnReel	500 ft	612825215127	
8760.00610	Chrome	Reel	610 m	8719605018786	
8760 0601000	Chrome	Reel	1,000 ft	612825215134	
8760 060U1000	Chrome	UnReel	1,000 ft	612825215110	
8760.011525	Chrome	Reel	1,525 m	8719605018816	
8760 0602000	Chrome	Reel	2,000 ft	612825215172	C
8760 0605000	Chrome	Reel	5,000 ft	612825215202	C
8760 06010000	Chrome	Reel	10,000 ft	612825215141	C Y
8760 06015000	Chrome	Reel	15,000 ft	612825215165	C Y

© 2024 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 "ASIS" 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.