



Product: [8760](#)

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

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Product Description

Electronic, 2 Conductor 18AWG (16x30) Tinned Copper, PO 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; panel wiring; panel wiring; panel wiring
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
18	16x30	TC - Tinned Copper	1

Conductor Count:	2
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Insulation

Material	Nominal Wall Thickness
PE - Polyethylene	0.018 in

Color Chart

Number	Color
1	Black
	Clear

Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Alum / Poly	Beldfoil®	100 %	TC - Tinned Copper	20	7x28

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.222 in	0.028 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
6.5 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
27.2 pF/ft

Inductance

Nominal Inductance
0.18 µH/ft

Current

Max. Recommended Current [A]

7.2 Amps per conductor @ 25°C

Voltage

UL Voltage Rating

300 V RMS

Temperature Range

UL Temp Rating:	60°C (UL AWM Style 2092)
Operating Temp Range:	-20°C To +60°C

Mechanical Characteristics

Bulk Cable Weight:	25 lbs/1000ft
Max Recommended Pulling Tension:	54 lbs
Min Bend Radius/Minor Axis:	2.25 in

Standards

NEC/(UL) Specification:	CM
CEC/C(UL) Specification:	CM
UL AWM Style:	UL Style 2092 (300 V 60°C)
CPR Euroclass:	Eca

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
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Flammability, LSOH, Toxicity Testing

UL Flammability:	UL 1685 UL Loading
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	88760, 87760 or 82760

Part Number

Variants

Item #	Color	Putup Type	Length	UPC/EAN
8760.01152	Chrome	Reel	152 m	8719605018809
8760 060250	Chrome	Reel	250 ft	612825215189
8760.01305	Chrome	Reel	305 m	8719605018823
8760 060500	Chrome	Reel	500 ft	612825215196
8760 060U500	Chrome	UnReel	500 ft	612825215127
8760 0601000	Chrome	Reel	1,000 ft	612825215134
8760 060U1000	Chrome	UnReel	1,000 ft	612825215110
8760 0602000	Chrome	Reel	2,000 ft	612825215172
8760 0605000	Chrome	Reel	5,000 ft	612825215202

8760 06010000	Chrome	Reel	10,000 ft	612825215141
8760 06015000	Chrome	Reel	15,000 ft	612825215165
8760.00U152	Gray	UnReel	152 m	8719605018793
8760.01U305	Gray	UnReel	305 m	8719605018830
8760.00610	Gray	Reel	610 m	8719605018786
8760.011525	Gray	Reel	1,525 m	8719605018816

Footnote: C - CRATE REEL PUT-UP.

Footnote: Y - FINAL PUT-UP LENGTH MAY VAR -10% TO +20% FROM LENGTH SHOWN. MAY CONTAIN 2 PIECES. MINIMUM LENGTH OF ANY ONE PIECE IS 1500'.

History

Update and Revision: Revision Number: 0.331 Revision Date: 04-28-2020

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