



**Part Number: 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

### Physical Characteristics (Overall)

#### Conductor

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

Conductor Count:	2
Total Number of Pairs:	1
Conductor Size:	18 AWG

#### Insulation

Material	Nominal Wall Thickness
PO - Polyolefin	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	Aluminum/Polyester	Beldfoil®	100 %	TC - Tinned Copper	20	7x28 mm

#### 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

<b>UL Voltage Rating</b>
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
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Suitability

Suitability - Indoor:	Yes
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## Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1685 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	UPC	Length	Footnote
8760.01152	Chrome		152 m	
8760.01305	Chrome		305 m	
8760 0601000	Chrome	612825215134	1,000 ft	
8760 06010000	Chrome	612825215141	10,000 ft	C Y
8760 06015000	Chrome	612825215165	15,000 ft	C Y
8760 0602000	Chrome	612825215172	2,000 ft	C
8760 060250	Chrome	612825215189	250 ft	
8760 060500	Chrome	612825215196	500 ft	C
8760 0605000	Chrome	612825215202	5,000 ft	C
8760 060U1000	Chrome	612825215110	1,000 ft	
8760 060U500	Chrome	612825215127	500 ft	
8760.K1305	Chrome		305 m	

8760.00610	Gray		610 m	
8760.00U152	Gray		152 m	
8760.011525	Gray		1,525 m	
8760.01U305	Gray		305 m	

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: 0.292 Revision Date: 07-11-2019
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