



**Part Number: 8760**

Audio/Control/Instrumentation, (1 pr) 18 AWG (16x30) TC, PO/PVC, Foil Shld, CM

[Request Sample](#)

**Product Description**

One 18 AWG pair stranded (16x30) tinned copper conductors, polyethylene insulation, twisted pair, overall Beldfoil® shield (100% coverage), PVC jacket.

**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

### 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

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

## Suitability

Suitability - Indoor: Yes

## Flammability, LS0H, Toxicity Testing

UL Flammability: UL1685 UL Loading

UL voltage rating: 300 V RMS

## Plenum/Non-Plenum

Plenum (Y/N): No

Plenum Number: 88760, 87760 or 82760

## Part Number

### Variants

Item #	Color	Footnote
8760.01152	Chrome	
8760 0601000	Chrome	
8760 06010000	Chrome	C Y
8760 06015000	Chrome	C Y
8760 0602000	Chrome	C
8760 060250	Chrome	
8760 060500	Chrome	C
8760 0605000	Chrome	C
8760 060U1000	Chrome	
8760 060U500	Chrome	
8760.00U152	Gray	
8760.011525	Gray	
8760.01305	Gray	

8760.01U305	Gray	
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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'.

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