

 **Part Number:** 8760Audio/Control/Instrumentation, (1 pr) 18 AWG (16x30)  
TC, PO/PVC, Foil Shld, CM

## Product Description

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

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Pairs
18	16x30	TC - Tinned Copper	1
Total Number of Conductors:			2

#### Insulation:

Material	Nominal Wall Thickness
PO - Polyolefin	0.018 in

#### Color Chart 1:

Number	Color
1	Black & Clear

#### Outershield 1:

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape w/Shorting Fold	Beldfoil®	100 %	TC - Tinned Copper	20	7x28 mm

#### Outerjacket 1:

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

Current:

Max. Recommended Current [A]
7.2 Amps per conductor @ 25°C

Inductance:

Nominal Inductance
0.18 µH/ft

Voltage:

UL Voltage Rating
300 V RMS

Use

Suitability - Indoor:	Yes
Max Recommended Pulling Tension:	54 lbs

Safety

UL Flammability:	UL1685 UL Loading
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Temperature Range

Operating Temp Range:	-20°C To +60°C
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Mechanical Characteristics

Min Bend Radius/Minor Axis:	2.25 in
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Part Number

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

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
CEC/C(UL) Specification:	CEC/C(UL) Specification
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
NEC/(UL) Specification:	NEC/(UL) Specification
UL AWM Style:	AWM Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	EU CE Mark

## History

## Product Variants

Part Number	Color	Put-Up Type	Length
8760 06010000	CHROME	Reel	10000 ft
8760 06010001	CHROME	Reel	10000 ft
8760 0601000	CHROME	Reel	1000 ft
8760 06015000	CHROME	Reel	15000 ft
8760 0602000	CHROME	Reel	2000 ft
8760 060250	CHROME	Reel	250 ft
8760 0605000	CHROME	Reel	5000 ft
8760 060500	CHROME	Reel	500 ft
8760 0609999	CHROME	Reel	1000 ft
8760 060U1000	CHROME	UnReel	1000 ft
8760 060U500	CHROME	UnReel	500 ft
8760.00U152	CHROME	UnReel	152 ft
8760.011525	CHROME	Reel	1525 ft
8760.01152	CHROME	Reel	152 ft
8760.01153	CHROME	Reel	153 ft
8760.01305	CHROME	Reel	305 ft
8760.01U305	GRAY	UnReel	305 ft

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