



**Part Number:** 8760

Audio/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.

## Technical Specifications

### Construction and Dimensions

#### Conductor:

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

<b>Total Number of Conductors:</b>	2
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#### 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 $\mu$ H/ft

### Voltage:

UL Voltage Rating
300 V RMS V

## 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 °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
Plenum Number:	88760, 87760 or 82760

## Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
CEC/C(UL) Specification:	CM
MII Order #39 (China RoHS):	Yes
NEC/(UL) Specification:	CM
UL AWM Style:	UL Style 2092 (300 V 60°C)
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

## Product Variants

Part Number	Color	Put-Up Type	Length
8760	BLUE, LIGHT	Reel	305 m
8760			
8760	CHROME	Reel	3048 m
8760 06010000	CHROME	Reel	10000 ft
8760			
8760			
8760	CHROME	Reel	305 m
8760 0601000	CHROME	Reel	1000 ft
8760			
8760 06015000	CHROME	Reel	15000 ft
8760			
8760	CHROME	Reel	610 m
8760 0602000	CHROME	Reel	2000 ft
8760			
8760	CHROME	Reel	76 m
8760 060250	CHROME	Reel	250 ft
8760			
8760	CHROME	Reel	1524 m
8760 0605000	CHROME	Reel	5000 ft
8760			

8760	CHROME	Reel	152 m
8760 060500	CHROME	Reel	500 ft
8760	CHROME	Reel	305 m
8760			
8760	CHROME	UnReel	305 m
8760 060U1000	CHROME	UnReel	1000 ft
8760			
8760	CHROME	UnReel	152 m
8760 060U500	CHROME	UnReel	500 ft
8760	GRAY	Reel	610 m
8760.00U152	GRAY	UnReel	152 m
8760.011525	GRAY	Reel	1525 m
8760.01152	CHROME	Reel	152 m
8760			
8760			
8760			
8760			
8760.01305	GRAY	Reel	305 m
8760			
8760.01U305	GRAY	UnReel	305 m
8760	CHROME	Reel	305 m
8760			

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