



Part Number: 8760

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

[Request Sample](#)

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	No. of Pairs
18	1
Stranding: 16x30	
Material: TC - Tinned Copper	
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
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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	
8760.01305	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	

8760.01U305	Gray	
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Footnote:	C - CRATE REEL PUT-UP.
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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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