



## Product: [8761](#)

Electronic, 2 C #22 Str TC, PO Ins, OS, PVC Jkt, CM

 [Request Sample](#)

### Product Description

Electronic, 2 Conductor 22AWG (7x30) Tinned Copper, PO Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, CM

### Technical Specifications

#### Product Overview

Suitable Applications:	low voltage analog signals (4-20ma, 0-10v, ...); low voltage digital control (24v, ...); line level audio; computer communication; panel wiring
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#### Physical Characteristics (Overall)

##### Conductor

AWG	Stranding	Material	No. of Pairs
22	7x30	TC - Tinned Copper	1

Conductor Count: 2

Total Number of Pairs: 1

##### Insulation

Material	Nominal Wall Thickness
PE - Polyethylene	0.017 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	Alum / Poly	Beldfoil®	100 %	TC - Tinned Copper	22	Stranded

##### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.175 in	0.025 in

#### Construction and Dimensions

##### Cabling

Lay Direction	Twists
Left Hand	6 twist/ft

#### Electrical Characteristics

##### Conductor DCR

Nom. Conductor DCR
16 Ohm/1000ft

##### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
24 pF/ft	47 pF/ft

## Inductance

### Nominal Inductance

0.2  $\mu$ H/ft

## Impedance

### Nominal Characteristic Impedance

64 Ohm

## Current

Element	Max. Recommended Current [A]
10C temperature rise	2.9 Amps per conductor @ 25°C ambient

## Voltage

UL Voltage Rating
300 V RMS (UL AWM Style 2092)

## Temperature Range

UL Temp Rating:	60°C (UL AWM Style 2092)
Operating Temp Range:	-20°C To +60°C

## Mechanical Characteristics

Bulk Cable Weight:	16 lbs/1000ft
Max Recommended Pulling Tension:	27 lbs
Min Bend Radius/Minor Axis:	1.75 in

## Standards

NEC Articles:	800
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 2006/53/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
MII Order #39 (China RoHS):	Yes

## Suitability

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

UL Flammability:	UL1685 UL Loading
CSA Flammability:	FT1
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS (UL AWM Style 2092)

## Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	88761, 87761, 82761

## Part Number

### Variants

Item #	Color	Putup Type	Length	UPC/EAN

8761.00U152	Chrome	UnReel	152 m	8719605018946
8761.01152	Chrome	Reel	152 m	8719605018960
8761.00U305	Chrome	UnReel	305 m	8719605018953
8761.01305	Chrome	Reel	305 m	8719605018977
8761 060500	Chrome	Reel	500 ft	612825215301
8761 060U500	Chrome	UnReel	500 ft	612825215240
8761.01610	Chrome	Reel	610 m	8719605018984
8761 0601000	Chrome	Reel	1,000 ft	612825215257
8761 060U1000	Chrome	UnReel	1,000 ft	612825215233
8761 0602000	Chrome	Reel	2,000 ft	612825215295
8761 0605000	Chrome	Reel	5,000 ft	612825215318
8761 06010000	Chrome	Reel	10,000 ft	612825215264
8761 06015000	Chrome	Reel	15,000 ft	612825215288

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: 0.310 Revision Date: 04-28-2020

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