



**Product:** [8761](#)

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

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## Product Description

Electronic, 2 Conductor 22AWG (7x30) Tinned Copper, PE 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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### Construction Details

#### Conductor

Element	Number of Element	Size	Stranding	Material
Pair(s)	1	22 AWG	7x30	TC - Tinned Copper

#### Insulation

Element	Material	Nom. Thickness	Color Code
Pair(s)	PE - Polyethylene	0.017 in (0.43 mm)	Black, Clear

#### Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (7x30) TC

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.025 in (0.64 mm)	0.175 in (4.45 mm)

Overall Cable Diameter (Nominal):	0.175 in (4.45 mm)
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### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Max. Current
Pair(s)	16 Ohm/1000ft (52 Ohm/km)	24 pF/ft (79 pF/m)	47 pF/ft (150 pF/m)	64 Ohm	2.9 Amps per Conductor at 25°C

#### Voltage

UL Voltage Rating
300 V (CM), 300 V (UL AWM 2092)

### Mechanical Characteristics

#### Temperature

UL Temperature	Operating
60°C (UL AWM 2092)	-20°C to +60°C

#### Bend Radius

Stationary Min.	Installation Min.
1.8 in (46 mm)	1.8 in (46 mm)

Max. Pull Tension:	27 lbs (12 kg)
Bulk Cable Weight:	16 lbs/1000ft (24 kg/km)

## Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL1685 UL Loading, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CM
AWM Compliance:	AWM 2092
CEC / C(UL) Compliance:	CM
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
Plenum Number:	88761, 87761, 82761

## History

Update and Revision:	Revision Number: 0.379 Revision Date: 02-08-2022
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## Part Numbers

### 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

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