



**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	AWG	Stranding	Material
Pair(s)	1	22	7x30	TC - Tinned Copper

#### Insulation

Element	Material	Thickness [in.]	Color Code
Pair(s)	PE - Polyethylene	0.017	Black, Clear

#### Outer Shield Material

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

#### Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.025 in	0.175 in

Cable Diameter (Nominal):	0.175 in
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### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Characteristic Impedence	Max. Current
Pair(s)	16 Ohm/1000ft	24 pF/ft	47 pF/ft	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 Rating	Operating
60°C (UL AWM 2092)	-20°C to +60°C

#### Bend Radius

Stationary Min.	Installation Min.
1.75 in	1.8 in

Max. Pull Tension:	27 lbs
Bulk Cable Weight:	16 lbs/1000ft

## Standards and Compliance

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

## History

Update and Revision:	Revision Number: 0.365 Revision Date: 09-30-2020
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