



**Product:** [8720](#)

Electronic, 2 C #14 Str TC, PE Ins, OS, PVC Jkt, CM

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## Product Description

Electronic, 2 Conductor 14AWG (19x27) Tinned Copper, PE Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, CM

## Technical Specifications

### Product Overview

Suitable Applications:	up to 600V analog signals ; up to 600V digital control ; line level audio; voice communications; panel wiring
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### Construction Details

#### Conductor

Element	Number of Element	AWG	Stranding	Material
Pair(s)	1	14	19x27	TC - Tinned Copper

#### Insulation

Element	Material	Thickness [in.]	Color Code
Pair(s)	PE - Polyethylene	0.032	Black & Clear

#### Outer Shield Material

Shield Type	Material	Coverage	Drainwire Type
Tape	Alum / Poly	100%	16 AWG (19x29) TC

#### Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.035 in	0.355 in

Cable Diameter (Nominal):	0.355 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
Conductor(s)	2.9 Ohm/1000ft	24 pF/ft	47 pF/ft	58 Ohm	9.5 Amps per Conductor at 25°C

#### Voltage

UL Voltage Rating
600 V (UL AWM 20253), 300 V (CSA AWM)

### Mechanical Characteristics

#### Temperature

UL Rating	Operating
80°C (UL AWM 20253)	-20°C to +80°C

#### Bend Radius

Stationary Min.	Installation Min.
3.75 in	3.6 in

Max. Pull Tension:	160 lbs
Bulk Cable Weight:	64 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Fire Resistance:	UL1685 UL Loading, FT1, IEC 60332-1-2
NEC / UL Compliance:	Article 725, CL2
AWM Compliance:	20253, II A
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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## History

Update and Revision:	Revision Number: 0.345 Revision Date: 07-31-2020
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