



**Product:** [8628](#)

Electronic, 7 C #14 Str TC, PVC Ins, PVC Jkt

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### Product Description

Electronic, 7 Conductor 14AWG (19x27) Tinned Copper, PVC Insulation, PVC Outer Jacket

### Technical Specifications

#### Product Overview

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

##### Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	7	14 AWG	19x27	TC - Tinned Copper

##### Insulation

Element	Material	Nom. Thickness	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.045 in (1.1 mm)	Black, White, Red, Green, Orange, Blue, White/Black Stripe

##### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.060 in (1.5 mm)	0.623 in (15.8 mm)

Overall Cable Diameter (Nominal):	0.623 in (15.8 mm)
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#### Electrical Characteristics

##### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	2.8 Ohm/1000ft (9.2 Ohm/km)	18 pF/ft (59 pF/m)	6.5 Amps per Conductor at 25°C

##### Voltage

Voltage Rating
600 V

#### Mechanical Characteristics

##### Temperature

Operating
-20°C To +80°C

Max. Pull Tension:	332 lbs (151 kg)
Bulk Cable Weight:	239 lbs/1000ft (356 kg/km)

#### Standards and Compliance

Flammability / Reaction to Fire:	UL 1581 (VW-1)
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## History

Update and Revision: Revision Number: 0.359 Revision Date: 05-05-2023

## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC
8628 060100	Chrome	Reel	100 ft	612825213703
8628 060500	Chrome	Reel	500 ft	612825213727
8628 0601000	Chrome	Reel	1,000 ft	612825213710

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