



REPRESENTATIVE IMAGE

**Product:** [9405](#)

Electronic, 2+6 C #18+16 Str TC, PVC Ins, PVC Jkt, CM

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## Product Description

Electronic, 2+6 Conductor 18+16AWG (19x30+19x29) Tinned Copper, PVC Insulation, PVC Outer Jacket, CM

## Technical Specifications

### Product Overview

Suitable Applications:	low voltage analog signals (4-20ma, 0-10v, ...); low voltage control (24v, ...); line level audio; panel wiring
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### Construction Details

#### Conductor

Element	Number of Element	AWG	Stranding	Material
Conductor(s)	6	18	19x30	TC - Tinned Copper
Conductor(s)	2	16	19x28	TC - Tinned Copper

#### Insulation

Element	Material	Thickness [in.]	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.019	Brown, Red, Yellow, Blue, Orange, Green
Conductor(s)	PVC - Polyvinyl Chloride	0.019	Black, White

#### Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.032 in	0.345 in

Cable Diameter (Nominal):	0.345 in
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### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Max. Current
Conductor(s)	6.8 Ohm/1000ft	4 Amps per Conductor at 25°C
Conductor(s)	4.0 Ohm/1000ft	4.9 Amps per Conductor at 25°C

#### Voltage

UL Voltage Rating
300 V (CM, UL AWM 2464)

### Mechanical Characteristics

#### Temperature

UL Rating	Operating
80°C (UL AWM 2464)	-20°C to +80°C

#### Bend Radius

Stationary Min.	Installation Min.
3.5 in	3.5 in

Max. Pull Tension:	181 lbs
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Bulk Cable Weight:	87 lbs/1000ft
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## Standards and Compliance

Environmental Suitability:	Indoor, Outdoor, UV Resistance
NEC / UL Compliance:	Article 800, CM
AWM Compliance:	2464
European Directive Compliance:	EU CE Mark, 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: 0.357 Revision Date: 09-30-2020
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