



Product: [8628](#)

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

[Request Sample](#)

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

Physical Characteristics (Overall)

Conductor

| Element | AWG | Stranding | Material | Nominal Diameter | No. of Conductors |
|--------------|-----|-----------|--------------------|------------------|-------------------|
| Conductor(s) | 14 | 19x27 | TC - Tinned Copper | 0.071 in | 7 |

Conductor Count: 7

Insulation

| Element | Material | Nominal Wall Thickness |
|--------------|--------------------------|------------------------|
| Conductor(s) | PVC - Polyvinyl Chloride | 0.045 in |

Color Chart

| Number | Color |
|--------|--------------------|
| 1 | Black |
| 2 | White |
| 3 | Red |
| 4 | Green |
| 5 | Orange |
| 6 | Blue |
| 7 | White/Black Stripe |

Outer Jacket Material

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.623 in | 0.060 in |

Electrical Characteristics

Conductor DCR

| Nominal Conductor DCR |
|-----------------------|
| 2.8 Ohm/1000ft |

Capacitance

| Nom. Capacitance Conductor to Conductor |
|---|
| 18 pF/ft |

Current

| Max. Recommended Current [A] |
|---------------------------------------|
| 6.5 Amps per conductor @ 25°C ambient |

Voltage

Non-UL Voltage Rating

600 V

Temperature Range

Operating Temp Range: -20°C To +80°C

Mechanical Characteristics

Bulk Cable Weight: 239 lbs/1000ft

Max Recommended Pulling Tension: 332 lbs

Min Bend Radius/Minor Axis: 6.25 in

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2003/96/EC (BFR): Yes

EU Directive 2011/65/EU (ROHS II): Yes

EU Directive 2012/19/EU (WEEE): Yes

EU Directive Compliance: EU Directive 2003/11/EC (BFR)

EU CE Mark: Yes

EU RoHS Compliance Date (yyyy-mm-dd): 2005-10-01

MII Order #39 (China RoHS): Yes

Flammability, LS0H, Toxicity Testing

UL Flammability: UL 1581 (VW-1)

CSA Flammability: FT1

Plenum/Non-Plenum

Plenum (Y/N): No

Part Number

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 |

Footnote: C - CRATE REEL PUT-UP.

History

Update and Revision: Revision Number: 0.295 Revision Date: 05-27-2020

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