



Product: [9622](#)

Electronic, 25 C #16 Str TC, PVC Ins, PVC Jkt

[Request Sample](#)

Product Description

Electronic, 25 Conductor 16AWG (19x29) Tinned Copper, PVC Insulation, PVC Outer Jacket

Technical Specifications

Product Overview

Suitable Applications:	Analog Signals & Control (up to 600V); Line Level Audio; Voice Communications; Panel Wiring
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Construction Details

Conductor

Element	Number of Element	AWG	Stranding	Material
Conductor(s)	25	16	19x29	TC - Tinned Copper

Insulation

Element	Material	Thickness	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.031 in (0.79 mm)	Black, White, Red, Green, Orange, Blue, White/Black Stripe, Red/Black Stripe, Green/Black Stripe, Orange/Black Stripe, Blue/Black Stripe, Black/White Stripe, Red/White Stripe, Green/White Stripe, Blue/White Stripe, Black/Red Stripe, White/Red Stripe, Orange/Red Stripe, Blue/Red Stripe, Red/Green Stripe, Orange/Green Stripe, Black/White/Red Stripes, White/Black/Red Stripes, Red/Black/White Stripes, Green/Black/White Stripes

Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.065 in (1.7 mm)	0.879 in

Cable Diameter (Nominal):	0.879 in (22.3 mm)
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	4.4 Ohm/1000ft (14 Ohm/km)	19.5 pF/ft (64.0 pF/m)	3.5 Amps per Conductor at 25°C

Voltage

Non-UL Voltage Rating
600 V

Mechanical Characteristics

Temperature

Operating
-20°C to +80°C

Bend Radius

Stationary Min.	Installation Min.
8.8 in (220 mm)	8.8 in (220 mm)

Max. Pull Tension:	760 lbs (340 kg)
Bulk Cable Weight:	440 lbs/1000ft (650 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum)
Sustainability:	CA Prop 65
Flammability / Fire Resistance:	UL 1581 (VW-1), FT1, IEC 60332-1-2
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: 0.350 Revision Date: 06-08-2021
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