

Product: 8629

Electronic, 12 C #14 Str TC, PVC Ins, PVC Jkt

Request Sample

Product Description

Electronic, 12 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

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	12	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, Red/Black Stripe, Green/Black Stripe, Orange/Black Stripe, Blue/Black Stripe, Black/White Stripe

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.065 in (1.7 mm)	0.824 in (20.9 mm)

Overall Cable Diameter (Nominal):	0.824 in (20.9 mm)

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 25ºC

Voltage

Voltage Rating
600 V

Mechanical Characteristics

Temperature

Operating
-20°C To +80°C

Max. Pull Tension:	570 lbs (260 kg)
Bulk Cable Weight:	418 lbs/1000ft (622 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: 0.331 Revision Date: 05-05-2023

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
8629 060500	Chrome	Reel	500 ft	612825213734	C

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