Belden



Product: 8620

Electronic, 4 C #16 Str TC, PVC Ins, PVC Jkt

Request Sample

Product Description

Electronic, 4 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

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	4	16 AWG	19x29	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.031 in (0.79 mm)	0.121 in (3.07 mm)	Black, Green, White, Red

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.042 in (1.1 mm)	0.376 in (9.55 mm)

Overall Cable Diameter (Nominal):	0.376 in (9.55 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	4.45 Ohm/1000ft	19.5 pF/ft (64.0 pF/m)	12 Amps per Conductor at 30ºC

Voltage

Voltage Rating
600 V

Mechanical Characteristics

Temperature

Operating
-30°C to +75°C

Bend Radius

Stationary Min.	Installation Min.
3.8 in (97 mm)	3.8 in (97 mm)

Max. Pull Tension:	160 lbs (73 kg)
Bulk Cable Weight:	81 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor

Flammability / Reaction to Fire:	UL 1581 (VW-1), IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.522 Revision Date: 09-07-2025

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
8620 060100	Chrome	Reel	100 ft	612825213482	
8620 060500	Chrome	Reel	500 ft	612825213505	C
8620 0601000	Chrome	Reel	1,000 ft	612825213499	C
8620 0605000	Chrome	Reel	5,000 ft	612825213512	

Footnote:	C - CRATE REEL PUT-UP.

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