



REPRESENTATIVE IMAGE

Product: [8473](#)

Electronic, 2 C #14 Str TC, PVC Ins, PVC Jkt, CL3

Request Sample

Product Description

Electronic, 2 Conductor 14AWG (42x30) Tinned Copper, PVC Insulation, PVC Outer Jacket, CL3

Technical Specifications

Product Overview

Suitable Applications:	up to 600V analog signals ; up to 600V digital control ; line level audio; voice communications; panel wiring
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Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Pair(s)	1	14 AWG	42x30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	Black & White

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.040 in (1.0 mm)	0.356 in (9.04 mm)

Overall Cable Diameter (Nominal):	0.356 in (9.04 mm)
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Pair(s)	2.86 Ohm/1000ft (9.38 Ohm/km)	22 pF/ft (72 pF/m)	9.6 Amps per Conductor at 25°C (10°C Temperature Rise)

Voltage

UL Voltage Rating
300 V (CL3), 600 V (UL AWM 2587)

Mechanical Characteristics

Temperature

UL Temperature	Operating
90°C (UL AWM 2587)	-20°C to +90°C

Bend Radius

Stationary Min.	Installation Min.
3.6 in (91 mm)	3.6 in (91 mm)

Max. Pull Tension:	94 lbs (43 kg)
Bulk Cable Weight:	58 lbs/1000ft (86 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor
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Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL1685 UL Loading, FT1, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 725, CL3
AWM Compliance:	AWM 2587
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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

Product Notes

Notes:	Nominal Breakdown Voltage - Jacket 20 KV RMS; Nominal Breakdown Voltage Between Conductors 25 KV RMS. See NEC guidelines for applicable CL3 voltage ratings.
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History

Update and Revision:	Revision Number: 0.354 Revision Date: 04-08-2022
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
8473 060500	Chrome	Reel	500 ft	612825208624
8473 060U500	Chrome	UnReel	500 ft	612825208600
8473 0601000	Chrome	Reel	1,000 ft	612825208617
8473 0605000	Chrome	Reel	5,000 ft	612825208631

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