Belden



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

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	1	14 AWG	42x30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.138 in (3.51 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)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Inductance	Max. Current
Pair(s)	2.84 Ohm/1000ft	22 pF/ft (72 pF/m)	0.19 µH/ft (0.62 µH/m)	25 Amps per Conductor at 30°C

Voltage

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

Mechanical Characteristics

Temperature

UL Temperature	Operating
90°C	-20°C to +90°C

Bend Radius

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

Max. Pull Tension:	106.6 lbs (48.35 kg)
Bulk Cable Weight:	58 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor

Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	UL 1685 UL loading , FT1, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 725, CL3
AWM Compliance:	AWM 2587
CEC / C(UL) Compliance:	FAS90
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)

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.

History

Update and Revision:	Revision Number: 0.513 Revision Date: 09-07-2025

Part Numbers

Variants

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

Footnote:	C - CRATE REEL PUT-UP., Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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