



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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Physical Characteristics (Overall)

Conductor

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

Conductor Count:	2
Total Number of Pairs:	1

Insulation

Element	Material	Nominal Wall Thickness
Pair(s)	PVC - Polyvinyl Chloride	0.0315 in

Color Chart

Number	Color
1	Black & White

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.356 in	0.040 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
2.86 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
22 pF/ft

Inductance

Nominal Inductance
0.19 μ H/ft

Current

Max. Recommended Current [A]
9.6 Amps per conductor @ 25°C (10°C rise in temp)

Voltage

UL Description	UL Voltage Rating
CL3	300 V
UL AWM 2587	600 V

Temperature Range

UL Temp Rating:	90°C (UL AWM 2587)
Operating Temp Range:	-20°C to +90°C

Mechanical Characteristics

Bulk Cable Weight:	58 lbs/1000ft
Max Recommended Pulling Tension:	94 lbs
Min Bend Radius/Minor Axis:	3.5 in

Standards

NEC Articles:	725
NEC/(UL) Specification:	CL3
UL AWM Style:	2587
CSA AWM Specification:	FAS90
CPR Euroclass:	Eca

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1685 UL Loading
CSA Flammability:	FT1
ISO/IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

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

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

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: 0.291 Revision Date: 05-27-2020
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