



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	AWG	Stranding	Material
Pair(s)	1	14	42x30	TC - Tinned Copper

Insulation

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

Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.040 in	0.356 in

Cable Diameter (Nominal):	0.356 in
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Pair(s)	2.86 Ohm/1000ft	22 pF/ft	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 Rating	Operating
90°C (UL AWM 2587)	-20°C to +90°C

Bend Radius

Stationary Min.	Installation Min.
3.5 in	3.6 in

Max. Pull Tension:	94 lbs
Bulk Cable Weight:	58 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Fire Resistance:	UL1685 UL Loading, FT1, IEC 60332-1-2
NEC / UL Compliance:	Article 725, CL3
AWM Compliance:	2587, FAS90
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)
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: 0.342 Revision Date: 03-16-2021
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