



Part Number: 8473

Audio/Control/Instrumentation, (1 pr) 14 AWG (42x30) TC, PVC/PVC

Product Description

One 14 AWG pair stranded (42x30) tinned copper conductors, twisted pair, PVC insulation, PVC jacket.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
14	42x30	TC - Tinned Copper	1

Conductor Count:	2
Total Number of Pairs:	1
AWG Size:	14

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.0315 in

Color Chart

Number	Color
1	Black & White

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.356 in	0.032 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 µH/ft

Current

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

Voltage

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

Temperature Range

UL Temp Rating:	90°C
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:	800
NEC/(UL) Specification:	CL3
UL AWM Style:	UL Style 2587 (600 V 90°C)
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
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1685 UL Loading
CSA Flammability:	FT1

Part Number

Plenum (Y/N):	No
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Variants

Item #	Color	Footnote
8473 0601000	CHROME	C
8473 060500	CHROME	C
8473 0605000	CHROME	C Z
8473 060U500	CHROME	

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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