



**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
Conductor Size:	14 AWG

**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	
Shielding:	Unshielded

**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
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, LS0H, Toxicity Testing

UL Flammability:	UL1685 UL Loading
CSA Flammability:	FT1
UL Voltage Rating:	600 V RMS

## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### 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.

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