



**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.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Pairs
14	42x30	TC - Tinned Copper	1
<b>Total Number of Conductors:</b>			2

#### Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.032 in

#### Color Chart 1:

Number	Color
1	Black & White

#### Outershield 1:

Material
Unshielded

## Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.34 in	0.032 in

## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR
2.86 Ohm/1000ft

### Capacitance:

Nom. Capacitance Conductor to Conductor
22 pF/ft

Min Insulation Resistance:	1000 Megohms/1000 ft. @ 500 VDC MOhm*1000ft
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### Current:

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

### Inductance:

Nominal Inductance
0.19 µH/ft

### Voltage:

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

## Use

Max Recommended Pulling Tension:	94 lbs
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## Safety

CSA Flammability:	FT1
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UL Flammability:	UL1685 UL Loading
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## Temperature Range

Non-UL Temp Rating:	90°C (UL AWM Style 2587)
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Operating Temp Range:	-20°C To +90°C
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## Mechanical Characteristics

Min Bend Radius/Minor Axis:	3.5 in
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## Part Number

Plenum (Y/N):	No
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## Standards

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
CSA AWM Specification:	CSA Specification
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
NEC/(UL) Specification:	NEC/(UL) Specification
UL AWM Style:	AWM Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	EU CE Mark

## History

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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## Product Variants

Part Number	Color	Put-Up Type	Length
8473 0601000	CHROME	Reel	1000 ft
8473 0605000	CHROME	Reel	5000 ft
8473 060500	CHROME	Reel	500 ft
8473 060U500	CHROME	UnReel	500 ft

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