



**Part Number:** 8477

Audio/Control/Instrumentation, (1 pr) 12 AWG (65X30) TC,  
PVC/PVC

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## Product Description

One 12 AWG pair stranded (65x30) tinned copper conductors, twisted pair, PVC insulation, PVC jacket.

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## Product Specifications

### AG.Filter Attributes

Total Number of Conductors:	2
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## Technical Specifications

### AG\_0401

UL Flammability:	UL1666 Vertical Shaft
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### APAC Standard

MII Order #39 (China RoHS):	Yes
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### Applicable Patents

Patent:	<a href="http://www.belden.com/p">http://www.belden.com/p</a>
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### Bend Radius

Min Bend Radius/Minor Axis:	4 in
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### CCB-Sub-Part Number

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Plenum (Y/N):	No
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## Contact Information

PHONE_NUM:	1-800-Belden1
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## EU Directive

EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
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EU CE Mark:	Yes
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## North American Standard

CA Prop 65 (CJ for Wire & Cable):	Yes
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NEC/(UL) Specification:	CL3R
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UL AWM Style:	UL Style 2587 (600 V 90°C)
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## Unused Attributes

Notes:	See NEC Guidelines for applicable CL3 voltage ratings.
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## Use

Max Recommended Pulling Tension:	150 lbs
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### Inductance:

#### Nominal Inductance

0.18 $\mu$ H/ft
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### Conductor DCR:

#### Nominal Conductor DCR

1.8 Ohm/1000ft
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### Color Chart 1:

Number	Color
1	Black & White

### Voltage:

UL Description	UL Voltage Rating
CL3R	300 V RMS V
UL AWM Style 2587	600 V RMS

**Current:****Max. Recommended Current [A]**

13 Amps per conductor @ 25°C

**Capacitance:****Nom. Capacitance Conductor to Conductor**

35 pF/ft

**Insulation:****Material** **Nominal Wall Thickness**

PVC - Polyvinyl Chloride 0.033 in

**Outerjacket 1:****Material** **Nominal Diameter** **Nominal Wall Thickness**

PVC - Polyvinyl Chloride 0.386 in 0.035 in

**Conductor:****AWG** **Stranding** **Material** **No. of Pairs**

12 65x30 TC - Tinned Copper 1

**Outershield 1:****Material**

Unshielded

## Product Variants

Part Number	Color	Put-Up Type	Length
8477			
8477	CHROME	Reel	305 m
8477 0601000	CHROME	Reel	1000 ft
8477			
8477 0605000	CHROME	Reel	5000 ft
8477			
8477	CHROME	Reel	152 m
8477 060500	CHROME	Reel	500 ft
8477	CHROME	Reel	305 m
8477			
8477	CHROME	UnReel	152 m
8477 060U500	CHROME	UnReel	500 ft
8477			
8477			
8477			

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.