



**Part Number:** 8623

Audio/Control/Instrumentation, (15) 16 AWG (19x29)  
TC, PVC/PVC

## Product Description

Fifteen 16 AWG stranded (19x29) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Conductors
16	19x29	TC - Tinned Copper	15
Total Number of Conductors:			15

#### Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.031 in

#### Color Chart 1:

Number	Color
1	Black
2	White
3	Red
4	Green
5	Orange
6	Blue
7	White/Black
8	Red/Black
9	Green/Black
10	Orange/Black
11	Blue/Black
12	Black/White
13	Red/White
14	Green/White
15	Blue/White

#### Outershield 1:

Material
Unshielded

#### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.694 in	0.06 in

## Electrical Characteristics

#### Conductor DCR:

Nominal Conductor DCR
4.4 Ohm/1000ft

#### Capacitance:

Nom. Capacitance Conductor to Conductor
19.5 pF/ft

#### Current:

Max. Recommended Current [A]
5 Amps per conductor @ 25°C

#### Voltage:

Non-UL Voltage Rating	
600 V RMS	

## Use

Max Recommended Pulling Tension:	456 lbs
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## Safety

Other Flammability:	VW-1, FT1
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## Temperature Range

Operating Temp Range:	-20°C To +80°C
UL Temp Rating:	80°C

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	7 in
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## Part Number

## Standards

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

## History

## Product Variants

Part Number	Color	Put-Up Type	Length
8623 0601000	CHROME	Reel	1000 ft
8623 060100	CHROME	Reel	100 ft
8623 0602000	CHROME	Reel	2000 ft
8623 0605000	CHROME	Reel	5000 ft
8623 060500	CHROME	Reel	500 ft

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