



**Part Number:** 8629

Audio/Control/Instrumentation, (12) 14 AWG (19x27)  
TC, PVC/PVC

## Product Description

Twelve 14 AWG stranded (19x27) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
14	19x27	TC - Tinned Copper	0.071 in	12
Total Number of Conductors:			12	

#### Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.045 in

#### Color Chart 1:

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

#### Outershield 1:

Material
Unshielded

#### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.824 in	0.065 in

## Electrical Characteristics

#### Conductor DCR:

Nominal Conductor DCR
2.8 Ohm/1000ft

#### Capacitance:

Nom. Capacitance Conductor to Conductor
18 pF/ft

#### Current:

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

#### Voltage:

Non-UL Voltage Rating
600 V RMS

## Use

Max Recommended Pulling Tension:	570 lbs
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Safety

CSA Flammability:	FT1
UL Flammability:	VW-1

Temperature Range

Operating Temp Range:	-20°C To +80°C
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Mechanical Characteristics

Min Bend Radius/Minor Axis:	8.25 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)
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
8629 060500	CHROME	Reel	500 ft

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