

## 8629 Multi-Conductor - Audio, Control, Communication and Instrumentation Cable



For more Information  
please call

1-800-Belden1



### General Description:

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

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Conductors	AWG	Stranding	Conductor Material	Dia. (mm)
12	14	19x27	TC - Tinned Copper	1.8034

Total Number of Conductors: 12

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.143

#### Outer Shield

##### Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.651

#### Overall Cable

##### Overall Cabling Color Code Chart:

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

Overall Nominal Diameter: 20.930 mm

### Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +80°C

Bulk Cable Weight: 622.068 Kg/Km

Max. Recommended Pulling Tension: 2535.474 N

Min. Bend Radius/Minor Axis: 209.550 mm

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### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

#### Flame Test

UL Flame Test:	VW-1
CSA Flame Test:	FT1

#### Plenum/Non-Plenum

Plenum (Y/N):	No
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### Electrical Characteristics (Overall)

#### Nom. Capacitance Conductor to Conductor:

##### Capacitance (pF/m)

59.058

#### Nom. Conductor DC Resistance:

##### DCR @ 20°C (Ohm/km)

9.1868

#### Max. Operating Voltage - Non-UL:

##### Voltage

600 V RMS

#### Max. Recommended Current:

##### Current

6.5 Amps per conductor @ 25°C

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8629 060500	500 FT	224.000 LB	CHROME	C	12 #14 PVC PVC

#### Notes:

C = CRATE REEL PUT-UP.

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METRIC MEASUREMENT VERSION

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