

## 8621 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information  
please call

1-800-Belden1



### General Description:

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

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Conductors	AWG	Stranding	Conductor Material
7	16	19x29	TC - Tinned Copper

Total Number of Conductors: 7

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.031

Insulation Resistance: 500 Megaohms/1000 ft.

#### Outer Shield

##### Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.045

#### Overall Cable

##### Overall Cabling Color Code Chart:

Number	Color
1	Black
2	White
3	Red
4	Green
5	Orange
6	Blue
7	White/Black

Overall Nominal Diameter: 0.458 in.

### Mechanical Characteristics (Overall)

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

UL Temperature Rating: 80°C

Bulk Cable Weight: 132 lbs/1000 ft.

Max. Recommended Pulling Tension: 212 lbs.

Min. Bend Radius/Minor Axis: 4.750 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

## 8621 Multi-Conductor - Audio, Control and Instrumentation Cable

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):	10/1/2005
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

Other Flame Test:	VW-1, FT1
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### Electrical Characteristics (Overall)

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
19.5

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
4.4

#### Max. Operating Voltage - UL:

Voltage
600 V RMS

#### Max. Recommended Current:

Current
5 Amps per conductor @ 25°C

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8621 060100	100 FT	14.900 LB	CHROME	C	7 #16 PVC FRPVC
8621 0601000	1,000 FT	140.000 LB	CHROME	C	7 #16 PVC FRPVC
8621 060500	500 FT	73.500 LB	CHROME	C	7 #16 PVC FRPVC

#### Notes:

C = CRATE REEL PUT-UP.

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