

## 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 (mm)
PVC - Polyvinyl Chloride	0.7874

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 (mm)
PVC - Polyvinyl Chloride	1.143

#### 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: 11.633 mm

### Mechanical Characteristics (Overall)

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

UL Temperature Rating: 80°C

Bulk Cable Weight: 196.442 Kg/Km

Max. Recommended Pulling Tension: 943.018 N

Min. Bend Radius/Minor Axis: 120.650 mm

### 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): 10/1/2005

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

## METRIC MEASUREMENT VERSION

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

CA Prop 65 (CJ for Wire & Cable): Yes

MIL Order #39 (China RoHS): Yes

#### Flame Test

Other Flame Test: VW-1, FT1

#### Electrical Characteristics (Overall)

##### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

63.9795

##### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

14.4364

##### 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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