

## 8622 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information  
please call

1-800-Belden1



### Description:

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

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Conductors	AWG	Stranding	Conductor Material
12	16	19x29	TC - Tinned Copper

#### 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	1.524

#### Overall Cabling

##### Overall Cabling Lay Length & Direction:

Length (mm)	Twists (m.)
231.393089	0.39624

##### Overall Cabling Color Code Chart:

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

Overall Nominal Diameter: 15.926 mm

### Mechanical Characteristics (Overall)

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

UL Temperature Rating: 80°C

METRIC MEASUREMENT VERSION

## 8622 Multi-Conductor - Audio, Control and Instrumentation Cable

<b>Bulk Cable Weight:</b>	341.840 Kg/Km
<b>Max. Recommended Pulling Tension:</b>	1619.140 N
<b>Min. Bend Radius (Install)/Minor Axis:</b>	152.400 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

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

#### Flame Test

<b>Other Flame Test:</b>	VW-1, FT1
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### Electrical Characteristics (Overall)

#### Nom. Capacitance Conductor to Conductor:

<b>Capacitance (pF/m)</b>
63.9795

#### Nom. Conductor DC Resistance:

<b>DCR @ 20°C (Ohm/km)</b>
14.4364

#### Max. Operating Voltage - UL:

<b>Voltage</b>
600 V RMS

#### Max. Recommended Current:

<b>Current</b>
5 Amps per conductor @ 25°C

### Related Documents:

No related documents are available for this product

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8622 060100	30 MT	12.247 KG	CHROME		12 #16 PVC FRPVC
8622 0601000	305 MT	113.852 KG	CHROME	C	12 #16 PVC FRPVC
8622 060500	152 MT	57.380 KG	CHROME	C	12 #16 PVC FRPVC

#### Notes:

C = CRATE REEL PUT-UP.

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