

8623 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
15	16	19x29	TC - Tinned Copper

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	.060

Overall Cable**Overall Cabling Lay Length & Direction:**

Length (in.)	Twists (ft.)
9.11	1.3

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
13	Red/White
14	Green/White
15	Blue/White

Overall Nominal Diameter:

0.694 in.

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 80°C

Bulk Cable Weight: 283.700 lbs/1000 ft.

Max. Recommended Pulling Tension: 456 lbs.

Min. Bend Radius (Install)/Minor Axis: 6.700 in.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

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

Other Flame Test: VW-1, FT1

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

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8623 060100	100 FT	32.300 LB	CHROME	C	15 #16 PVC FRPVC
8623 0601000	1,000 FT	312.000 LB	CHROME	C	15 #16 PVC FRPVC
8623 060500	500 FT	151.500 LB	CHROME	C	15 #16 PVC FRPVC

Notes:

C = CRATE REEL PUT-UP.

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