

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

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Bulk Cable Weight: 341.840 Kg/Km

Max. Recommended Pulling Tension: 1619.140 N

Min. Bend Radius (Install)/Minor Axis: 152.400 mm

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

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

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.

Revision Number: 2 Revision Date: 09-19-2008

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