

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

METRIC MEASUREMENT VERSION

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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/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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