

## 9620 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
5	16	19x29	TC - Tinned Copper

Total Number of Conductors: 5

**Insulation**

Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.7874

**Outer Shield**

Outer Shield Material:

Outer Shield Material
Unshielded

**Outer Jacket**

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.0668

**Overall Cable**

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	White
3	Red
4	Green
5	Orange

Overall Nominal Diameter: 10.439 mm

**Mechanical Characteristics (Overall)**

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

UL Temperature Rating: 80°C

Bulk Cable Weight: 148.820 Kg/Km

Max. Recommended Pulling Tension: 676.126 N

Min. Bend Radius/Minor Axis: 107.950 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

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

MIL Order #39 (China RoHS): Yes

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## Flame Test

UL Flame Test:	VW-1
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 - Non-UL:

Voltage
600 V RMS

## Max. Recommended Current:

Current
5.5 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9620 060100	100 FT	11.000 LB	CHROME		5#16 PVC FRPVC
9620 0601000	1,000 FT	109.000 LB	CHROME	C	5#16 PVC FRPVC
9620 060500	500 FT	53.500 LB	CHROME	C	5#16 PVC FRPVC
9620 0605000	5,000 FT	565.000 LB	CHROME	C Z	5 #16 PVC FRPVC

## Notes:

C = CRATE REEL PUT-UP.

Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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