# **Detailed Specifications & Technical Data**

#### METRIC MEASUREMENT VERSION



# 9621 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:



**Total Number of Conductors:** 

9

#### Insulation

Insulation Material:

Insulati	on Material	Wall Thickness (mm)
PVC - F	olyvinyl Chloride	0.7874

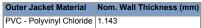
#### **Outer Shield**

Outer Shield Material:



#### **Outer Jacket**

Outer Jacket Material:



#### **Overall Cable**

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

Overall Nominal Diameter:

13.538 mm

# **Mechanical Characteristics (Overall)**

Operating Temperature Range:	-20°C To +80°C
UL Temperature Rating:	80°C
Bulk Cable Weight:	252.994 Kg/Km
Max. Recommended Pulling Tension:	1214.359 N
Min. Bend Radius/Minor Axis:	139.700 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):	10/01/2005
EU Directive 2002/96/EC (WEEE):	Yes

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	EU Directive 2003/11/EC (BFR):	Yes
	CA Prop 65 (CJ for Wire & Cable):	Yes
	MII Order #39 (China RoHS):	Yes
Flai	ne Test	
	Other Flame Test:	VW-1, FT1

#### **Electrical Characteristics (Overall)**

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 14.4364

Max. Operating Voltage - Non-UL:

600 V RMS

Max. Recommended Current:

5 Amps per conductor @ 25°C

# **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9621 060100	100 FT	18.700 LB	CHROME	С	9 #16 PVC FRPVC
9621 0601000	1,000 FT	178.000 LB	CHROME	С	9 #16 PVC FRPVC
9621 060500	500 FT	94.000 LB	CHROME	С	9 #16 PVC FRPVC
9621 0605000	5,000 FT	935.000 LB	CHROME		9 #16 PVC FRPVC

C = CRATE REEL PUT-UP.

Revision Number: 3 Revision Date: 08-23-2012

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).

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