# **Detailed Specifications & Technical Data**

### METRIC MEASUREMENT VERSION



# 9721 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:** 

8

### Insulation

Insulation Material:

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

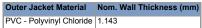
### **Outer Shield**

**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

**Overall Nominal Diameter:** 

12.446 mm

# **Mechanical Characteristics (Overall)**

Operating Temperature Range:	-20°C To +80°C
UL Temperature Rating:	80°C
Bulk Cable Weight:	218.765 Kg/Km
Max. Recommended Pulling Tension:	1080.913 N
Min. Bend Radius/Minor Axis:	127 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
EU Directive 2003/11/EC (BFR):	Yes

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	CA Prop 65 (CJ for Wire & Cable):	Yes
	MII Order #39 (China RoHS):	Yes
Flame Test		
	Other Flame Test:	VW-1, FT1
Ple	num/Non-Plenum	
	Plenum (Y/N):	No

### **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 Amps per conductor @ 25°C

## **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9721 060100	100 FT	16.100 LB	CHROME	С	8 #16 STR PVC FRPVC
9721 0601000	1,000 FT	165.000 LB	CHROME	С	8 #16 STR PVC FRPVC
9721 060500	500 FT	80.000 LB	CHROME	С	8 #16 STR PVC FRPVC

#### Notes:

C = CRATE REEL PUT-UP.

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