

Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

9721 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
8	16	19x29	TC - Tinned Copper

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.031

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 (in.)
PVC - Polyvinyl Chloride	.045

Overall Cabling

Overall Cabling Lay Length & Direction:

Length (in.)	Twists (ft.)
9.11	1.3

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:

0.496 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:

-20°C To +80°C

UL Temperature Rating:

80°C

Bulk Cable Weight:

160.500 lbs/1000 ft.

Max. Recommended Pulling Tension:

243 lbs.

Min. Bend Radius (Install)/Minor Axis:

5 in.

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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
MII Order #39 (China RoHS):	Yes

Flame Test

C(UL) Flame Test:	FT1
Other Flame Test:	VW-1, FT1

Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
19.5

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
4.4

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
9721 060100	100 FT	16.200 LB	CHROME	C	8 #16 STR PVC FRPVC
9721 0601000	1,000 FT	158.000 LB	CHROME	C	8 #16 STR PVC FRPVC
9721 060500	500 FT	81.000 LB	CHROME	C	8 #16 STR PVC FRPVC

Notes:

C = CRATE REEL PUT-UP.

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