

## 9159 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information  
please call

1-800-Belden1

**General Description:**

18 AWG stranded (16x30) tinned copper conductors, PVC insulation, twisted pairs, PVC jacket.

**Physical Characteristics (Overall)****Conductor**

AWG:

# Pairs	AWG	Stranding	Conductor Material
5	18	16x30	TC - Tinned Copper

Total Number of Conductors: 10

**Insulation**

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.013

**Inner Shield**

Inner Shield Material:

Inner Shield Material
Unshielded

**Outer Shield**

Outer Shield Material:

Outer Shield Material
Unshielded

**Outer Jacket**

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.032

**Overall Cable**

Overall Nominal Diameter: 0.391 in.

**Pair**

Pair Color Code Chart:

Number	Color
1	Black & Red
2	Black & White
3	Black & Green
4	Black & Blue
5	Black & Yellow

**Mechanical Characteristics (Overall)**

Operating Temperature Range:	-20°C To +80°C
Non-UL Temperature Rating:	80°C (UL AWM Style 2464)
Bulk Cable Weight:	76 lbs/1000 ft.
Max. Recommended Pulling Tension:	269 lbs.
Min. Bend Radius/Minor Axis:	4 in.

## 9159 Multi-Conductor - Audio, Control and Instrumentation Cable

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; Environmental Programs

NEC/(UL) Specification:	CMG
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CEC/C(UL) Specification:	CMG
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AWM Specification:	UL Style 2464 (300 V 80°C)
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EU Directive 2011/65/EU (ROHS II):	Yes
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EU CE Mark:	Yes
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EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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## Flame Test

CSA Flame Test:	FT4
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## Plenum/Non-Plenum

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

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
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25.5
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## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
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5.86
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## Max. Operating Voltage - UL:

Voltage
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300 V RMS
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## Max. Recommended Current:

Current
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3.4 Amps per conductor @ 20°C
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## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9159 0601000	1,000 FT	99.000 LB	CHROME	C	5 #18 PR PVC FRPVC
9159 060500	500 FT	50.000 LB	CHROME	C	5 #18 PR PVC FRPVC

## Notes:

C = CRATE REEL PUT-UP.

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