

9750 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information
please call

1-800-Belden1

**General Description:**

20 AWG stranded (7x28) tinned copper conductors, PVC insulation, twisted pairs, PVC jacket.

Physical Characteristics (Overall)**Conductor**

AWG:

# Pairs	AWG	Stranding	Conductor Material
3	20	7x28	TC - Tinned Copper

Total Number of Conductors: 6

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.015

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.035

Overall Cable

Overall Nominal Diameter: 0.299 in.

Pair

Pair Color Code Chart:

Number	Color
1	Black & Red
2	Black & White
3	Black & Green

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
Non-UL Temperature Rating:	80°C (UL AWM Style 2464)
Bulk Cable Weight:	46 lbs/1000 ft.
Max. Recommended Pulling Tension:	84 lbs.
Min. Bend Radius/Minor Axis:	3 in.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC(UL) Specification:	CMG
CEC(UL) Specification:	CMG
AWM Specification:	UL Style 2464 (300 V 80°C)
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):	04/01/2005
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
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MII Order #39 (China RoHS):	Yes
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Flame Test

UL Flame Test:	UL1685 FT4 Loading
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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)

24.5

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

10.0

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

2.6 Amps per conductor @ 20°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9750 0601000	1,000 FT	50.000 LB	CHROME	C	3 #20 PR PVC PVC
9750 060500	500 FT	26.500 LB	CHROME	C	3 #20 PR PVC PVC

Notes:

C = CRATE REEL PUT-UP.

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