

9992 Multi-Conductor - Audio, Control and Instrumentation Cable

For more Information
please call

1-800-Belden1

**Description:**

24 AWG stranded (7x32) TC conductors, polyethylene insulation, twisted pairs, individually shielded w/Beldfoil® (100% coverage), 24 AWG stranded TC drain wire, PVC jacket.

Physical Characteristics (Overall)**Conductor****AWG:**

# Pairs	AWG	Stranding	Conductor Material
9	24	7x32	TC - Tinned Copper

Insulation**Insulation Material:**

Insulation Material
PE - Polyethylene

Inner Shield**Inner Shield Material:**

Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)
Beldfoil® (Z-Fold®)	Tape	Aluminum Foil-Polyester Tape	100

Inner Shield Drain Wire AWG:

AWG
24

Inner Shield Drain Wire Stranding: Stranded

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cabling

Overall Nominal Diameter: 9.728 mm

Pair**Pair Color Code Chart:**

Number	Color
1	Black & Red
2	Black & White
3	Black & Green
4	Black & Blue
5	Black & Yellow
6	Black & Brown
7	Black & Orange
8	Red & White
9	Red & Green

Pair Lay Length & Direction:

Lay Length (mm)
33.01987

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Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 2919)
Bulk Cable Weight:	123.521 Kg/Km
Min. Bend Radius (Install)/Minor Axis:	101.600 mm

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

NEC/(UL) Specification:	CM
CEC/C(UL) Specification:	CM
AWM Specification:	UL Style 2919 (30 V 80°C)
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):	01/01/2004
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

UL Flame Test:	UL1685 UL Loading
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)**Nom. Characteristic Impedance:**

Impedance (Ohm)

60

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

82.025

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)

154.207

Nominal Velocity of Propagation:

VP (%)

66

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

78.744

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C:	59.058 Ohm/km
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Max. Operating Voltage - UL:

Voltage

30 V RMS (UL AWM Style 2919)

300 V RMS

Max. Recommended Current:

Current

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1.1 Amps per conductor @ 25°C (10°C rise in temp)

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9992 060100	30 MT	3.992 KG	CHROME		9 FS PR #24 PE PVC
9992 0601000	305 MT	39.009 KG	CHROME	C	9 FS PR #24 PE PVC
9992 060500	152 MT	19.278 KG	CHROME	C	9 FS PR #24 PE PVC

Notes:

C = CRATE REEL PUT-UP.

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