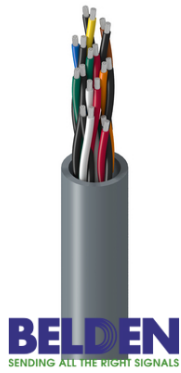


METRIC MEASUREMENT VERSION

8692 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
9	18	16x30	TC - Tinned Copper

Total Number of Conductors: 18

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.330

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 (mm)
PVC - Polyvinyl Chloride	1.016

Overall Cable

Overall Nominal Diameter: 13.310 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

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +80°C

Non-UL Temperature Rating: 80°C (UL AWM Style 2464)

Bulk Cable Weight: 238.112 Kg/Km

8692 Multi-Conductor - Audio, Control and Instrumentation Cable

Max. Recommended Pulling Tension:	1619.145 N
Min. Bend Radius/Minor Axis:	133.350 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG
CEC/C(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
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

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. Inductance:

Inductance (µH/m)	0.55777
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Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)	98.43
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Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)	22.3108
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Max. Operating Voltage - UL:

Voltage	300 V RMS
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Max. Recommended Current:

Current	2.6 Amps per conductor @ 25°C
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Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8692 0601000	1,000 FT	167.000 LB	CHROME	C	9 PR #18 PVC PVC

Notes:

C = CRATE REEL PUT-UP.

8692 Multi-Conductor - Audio, Control and Instrumentation Cable

Revision Number: 3 Revision Date: 09-14-2012

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