Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



9261 Multi-Conductor - Audio, Control and Instrumentation Cable

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For more Information please call

1-800-Belden1



General Description:

20 AWG stranded (7x28) tinned copper conductors PVC insulation, tinned copper braid shield (85% shield coverage), PVC jacket.

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Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
12	20	7x28	TC - Tinned Copper

Total Number of Conductors:

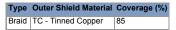
Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.432

Outer Shield

Outer Shield Material:



Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.016

Overall Cable

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
9	Green/Black
10	Orange/Black
11	Blue/Black
12	Black/White

Overall Nominal Diameter: 10.058 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 2464)
Bulk Cable Weight:	163.702 Kg/Km
Max. Recommended Pulling Tension:	800.676 N
Min. Bend Radius/Minor Axis:	101.600 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)	

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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 2002/95/EC (RoHS): Yes EU RoHS Compliance Date (mm/dd/yyyy): 04/01/2005
EU RoHS Compliance Date (mm/dd/yyyy): 04/01/2005
FIL Directive 2002/96/FC (WEFE): Ves
LO BROCKYO ZOOZIONEO (WEEL).
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 FT4 Loading
CSA Flame Test: FT4
Plenum/Non-Plenum
Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Inductance:

Inductance (µH/m) 0.616828

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 85.306

Nom. Capacitance Cond. to Other Conductor & Shield:

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 31.1695

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km) 7.8744

Max. Operating Voltage - UL:

300 V RMS

Max. Recommended Current:

3.2 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9261 060100	100 FT	12.000 LB	CHROME		12 #20 PVC SHLD PVC
9261 0601000	1,000 FT	119.000 LB	CHROME	С	12 #20 PVC SHLD PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 3 Revision Date: 09-26-2012

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product. Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

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