# **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



## 9261 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, tinned copper braid shield (85% shield coverage), PVC jacket.

12

## **Physical Characteristics (Overall)**

## Conductor

AWG:

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

Total Number of Conductors:

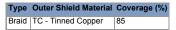
#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)		
PVC - Polyvinyl Chloride	0.017		

#### **Outer Shield**

Outer Shield Material:



#### **Outer Jacket**

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.040

#### **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: 0.396 in.

### **Mechanical Characteristics (Overall)**

Operating Temperature Range:	-20°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 2464)
Bulk Cable Weight:	110 lbs/1000 ft.
Max. Recommended Pulling Tension:	180 lbs.
Min. Bend Radius/Minor Axis:	4 in.

## 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 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
lame Test	
UL Flame Test:	UL1685 FT4 Loading
CSA Flame Test:	FT4
lenum/Non-Plenum	
Plenum (Y/N):	No

#### **Electrical Characteristics (Overall)**

Nom. Inductance:

Inductance (µH/ft) .188

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

Nom. Capacitance Cond. to Other Conductor & Shield:

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 9.5

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

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 BRD PVC
9261 0601000	1,000 FT	119.000 LB	CHROME	С	12 #20 PVC BRD PVC

Notes:

C = CRATE REEL PUT-UP.

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

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