

## 9458 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information  
please call

1-800-Belden1



### Description:

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

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Conductors	AWG	Stranding	Conductor Material
15	20	7x28	TC - Tinned Copper

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.013

#### Outer Shield

##### Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

##### Outer Jacket Material:

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

#### Overall Cable

##### Overall Cabling Lay Length & Direction:

Length (in.)	Twists (ft.)
4.05	2.9

##### Overall Cabling Color Code Chart:

Number	Color
1	Blue w/White Stripe
2	Green w/White Stripe
3	Red w/White Stripe
4	Black w/White Stripe
5	Blue w/Black Stripe
6	Orange w/Black Stripe
7	Green w/Black Stripe
8	Red w/Black Stripe
9	White w/Black Stripe
10	Blue
11	Orange (around Green)
12	Green
13	Red
14	White
15	Black

Overall Nominal Diameter: 0.389 in.

### Mechanical Characteristics (Overall)

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

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<b>UL Temperature Rating:</b>	80°C (UL AWM Style 2464)
<b>Bulk Cable Weight:</b>	104.300 lbs/1000 ft.
<b>Max. Recommended Pulling Tension:</b>	185 lbs.
<b>Min. Bend Radius (Install)/Minor Axis:</b>	4 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

<b>NEC/(UL) Specification:</b>	CMG
<b>CEC/C(UL) Specification:</b>	CMG
<b>AWM Specification:</b>	UL Style 2464 (300 V 80°C)
<b>EU CE Mark:</b>	Yes
<b>EU Directive 2000/53/EC (ELV):</b>	Yes
<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	04/01/2005
<b>EU Directive 2002/96/EC (WEEE):</b>	Yes
<b>EU Directive 2003/11/EC (BFR):</b>	Yes
<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	Yes
<b>MII Order #39 (China RoHS):</b>	Yes

#### Flame Test

<b>C(UL) Flame Test:</b>	FT4
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#### Plenum/Non-Plenum

<b>Plenum (Y/N):</b>	No
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### Electrical Characteristics (Overall)

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

27

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

10.7

#### Max. Operating Voltage - UL:

Voltage

300 V RMS (UL AWM Style 2464)

#### Max. Recommended Current:

Current

2.8 Amps per conductor @ 25°C

### Related Documents:

No related documents are available for this product

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9458 060100	100 FT	11.500 LB	CHROME		15#20 PVC FRPVC
9458 0601000	1,000 FT	107.000 LB	CHROME	C	15#20 PVC FRPVC
9458 060500	500 FT	55.000 LB	CHROME	C	15#20 PVC FRPVC

#### Notes:

C = CRATE REEL PUT-UP.

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Revision Number: 2    Revision Date: 09-19-2008

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