

## 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

**Total Number of Conductors:** 15

**Insulation****Insulation Material:**

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.015

**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 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

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

**Bulk Cable Weight:** 100 lbs/1000 ft.

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

Max. Recommended Pulling Tension:	185 lbs.
Min. Bend Radius/Minor Axis:	4 in.

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; Environmental Programs

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2464 (300 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):	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

UL Flame Test:	UL1685 FT4 Loading
CSA Flame Test:	FT4

## Plenum/Non-Plenum

Plenum (Y/N):	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

## Max. Recommended Current:

Current
2.8 Amps per conductor @ 25°C

## 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
9458 0605000	5,000 FT	565.000 LB	CHROME		15 #22 PVC FRPVC

## Notes:

C = CRATE REEL PUT-UP.

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

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