# **Detailed Specifications & Technical Data**

### **ENGLISH MEASUREMENT VERSION**



# 9455 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information please call

1-800-Belden1



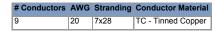
## **General Description:**

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

## **Physical Characteristics (Overall)**

## Conductor

AWG:



**Total Number of Conductors:** 

9

#### Insulation

### Insulation Material:

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

#### **Outer Shield**

Outer Shield Material:



#### **Outer Jacket**

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)		
PVC - Polyvinyl Chloride	.035		

### **Overall Cable**

Overall Cabling Color Code Chart:

Color
White
Red
Green
Brown
Blue
Orange
Yellow
Purple (around Black)
Black

Overall Nominal Diameter:

0.317 in.

## **Mechanical Characteristics (Overall)**

Operating Temperature Range:	-20°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 2464)
Bulk Cable Weight:	63 lbs/1000 ft.
Max. Recommended Pulling Tension:	111 lbs.
Min. Bend Radius/Minor Axis:	3.250 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)
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes

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	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	
Fla	me Test		
	UL Flame Test:	UL1685 FT4 Loading	
	CSA Flame Test:	FT4	
Ple	Plenum/Non-Plenum		
	Pienum (Y/N):	No	

## **Electrical Characteristics (Overall)**

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft) 10.7

Max. Operating Voltage - UL:

300 V RMS

Max. Recommended Current:

2.8 Amps per conductor @ 25°C

### **Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9455 060100	100 FT	7.100 LB	CHROME		9 #20 PVC FRPVC
9455 0601000	1,000 FT	67.000 LB	CHROME	С	9#20 PVC FRPVC
9455 060500	500 FT	35.000 LB	CHROME	С	9#20 PVC FRPVC
9455 0605000	5,000 FT	340.000 LB	CHROME	С	9 #20 PVC FRPVC

## Notes:

C = CRATE REEL PUT-UP.

Revision Number: 3 Revision Date: 09-11-2012

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product.
Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).

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