# **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



# 9445 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information please call

1-800-Belden1



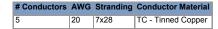
## **General Description:**

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

## **Physical Characteristics (Overall)**

# Conductor

AWG:



**Total Number of Conductors:** 

5

#### 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	.032

### **Overall Cable**

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	White
3	Red
4	Green
5	Brown

**Overall Nominal Diameter:** 

0.239 in.

## **Mechanical Characteristics (Overall)**

Operating Temperature Range:	-20°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 2464)
Bulk Cable Weight:	36 lbs/1000 ft.
Max. Recommended Pulling Tension:	62 lbs.
Min. Bend Radius/Minor Axis:	2.500 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
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
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	EU Directive 2003/11/EC (BFR):	Yes
	CA Prop 65 (CJ for Wire & Cable):	Yes
	MII Order #39 (China RoHS):	Yes
Fla	ame Test	
	UL Flame Test:	UL1685 FT4 Loading
	CSA Flame Test:	FT4
Ple	num/Non-Plenum	
	Plenum (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:

Voltage 300 V RMS

Max. Recommended Current:

Current 3.2 Amps per conductor @ 25°C

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

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9445 060U1000	1,000 FT	38.000 LB	CHROME		5 #20 PVC PVC
9445 060U500	500 FT	20.000 LB	CHROME		5 #20 PVC PVC
9445 060100	100 FT	4.400 LB	CHROME		5 #20 PVC PVC
9445 0601000	1,000 FT	40.000 LB	CHROME	С	5 #20 PVC PVC
9445 060500	500 FT	19.500 LB	CHROME	С	5 #20 PVC PVC
9445 0605000	5,000 FT	200.000 LB	CHROME		5 #20 PVC PVC

#### Notes:

C = CRATE REEL PUT-UP.

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