

## 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:

# Conductors	AWG	Stranding	Conductor Material
5	20	7x28	TC - Tinned Copper

Total Number of Conductors: 5

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.381

#### Outer Shield

##### Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.8128

#### Overall Cable

##### Overall Cabling Color Code Chart:

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

Overall Nominal Diameter: 6.071 mm

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 2464)
Bulk Cable Weight:	53.575 Kg/Km
Max. Recommended Pulling Tension:	275.788 N
Min. Bend Radius/Minor Axis:	63.500 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG

METRIC MEASUREMENT VERSION

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

**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

**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

## Electrical Characteristics (Overall)

### Nom. Capacitance Conductor to Conductor:

**Capacitance (pF/m)**

88.587

### Nom. Conductor DC Resistance:

**DCR @ 20°C (Ohm/km)**

35.1067

### 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	305 MT	17.237 KG	CHROME		5 #20 PVC PVC
9445 060U500	152 MT	9.072 KG	CHROME		5 #20 PVC PVC
9445 060100	30 MT	1.996 KG	CHROME		5 #20 PVC PVC
9445 0601000	305 MT	18.144 KG	CHROME	C	5 #20 PVC PVC
9445 060500	152 MT	8.845 KG	CHROME	C	5 #20 PVC PVC
9445 0605000	1,524 MT	90.719 KG	CHROME		5 #20 PVC PVC

### Notes:

C = CRATE REEL PUT-UP.

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

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