

## 8445 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information  
please call

1-800-Belden1

**Description:**

22 AWG stranded (7x30) tinned copper conductors, conductors cabled, PVC insulation, PVC Jacket.

**Physical Characteristics (Overall)****Conductor****AWG:**

# Conductors	AWG	Stranding	Conductor Material
5	22	7x30	TC - Tinned Copper

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

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.010

**Outer Shield****Outer Shield Material:**

Outer Shield Material
Unshielded

**Outer Jacket****Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.032

**Overall Cable****Overall Cabling Lay Length & Direction:**

Length (in.)
3.00

**Overall Cabling Color Code Chart:**

Color
Black
White
Red
Green
Brown

Overall Nominal Diameter: 0.194 in.

**Mechanical Characteristics (Overall)**

Operating Temperature Range:	-20°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 2576)
Bulk Cable Weight:	21.600 lbs/1000 ft.
Max. Recommended Pulling Tension:	46 lbs.
Min. Bend Radius (Install)/Minor Axis:	1.900 in.

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

NEC/(UL) Specification: CMG

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<b>CEC/C(UL) Specification:</b>	CMG
<b>AWM Specification:</b>	UL Style 2576 (150 V 80°C)
<b>CSA Specification:</b>	FT4
<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

**Plenum/Non-Plenum**

<b>Plenum (Y/N):</b>	No
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**Electrical Characteristics (Overall)****Nom. Inductance:**

Inductance (μH/ft)

.17

**Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/ft)

34

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)

15.6

**Max. Operating Voltage - UL:**

Voltage

300 V RMS (CMG)

150 V RMS (UL AWM Style 2576)

**Max. Recommended Current:**

Current

2.4 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
8445 060U1000	1,000 FT	25.000 LB	CHROME		5 #22 PVC PVC
8445 060U500	500 FT	13.500 LB	CHROME		5 #22 PVC PVC
8445 060100	100 FT	3.200 LB	CHROME		5 #22 PVC PVC
8445 0601000	1,000 FT	26.000 LB	CHROME	C	5 #22 PVC PVC
8445 060500	500 FT	13.500 LB	CHROME	C	5 #22 PVC PVC
8445 0605000	5,000 FT	130.000 LB	CHROME		5 #22 PVC PVC

**Notes:**

C = CRATE REEL PUT-UP.

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