

## 8443 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information  
please call

1-800-Belden1



### General Description:

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

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
3	22	7x30	TC - Tinned Copper

Total Number of Conductors: 3

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.011

#### 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 Color Code Chart:

Color
Black
Red
Green

Overall Nominal Diameter: 0.172 in.

### Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +80°C

Bulk Cable Weight: 16 lbs/1000 ft.

Max. Recommended Pulling Tension: 27 lbs.

Min. Bend Radius/Minor Axis: 1.750 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

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

# Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

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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. 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	Description
300V RMS	UL type CMG
150V RMS	UL AWM 2576

#### Max. Recommended Current:

Current

2.9 Amps per conductor @ 25°C

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8443 060U1000	1,000 FT	92.000 LB	CHROME		3 #22 PVC PVC
8443 060U500	500 FT	46.500 LB	CHROME		3 #22 PVC PVC
8443 060100	100 FT	9.800 LB	CHROME		3 #22 PVC PVC
8443 0601000	1,000 FT	18.000 LB	CHROME	C	3 #22 PVC PVC
8443 060500	500 FT	46.000 LB	CHROME		3 #22 PVC PVC
8443 0605000	5,000 FT	460.000 LB	CHROME		3 #22 PVC PVC

#### Notes:

C = CRATE REEL PUT-UP.

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