

## 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 (mm)
PVC - Polyvinyl Chloride	0.279

#### 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:

Color
Black
Red
Green

Overall Nominal Diameter: 4.369 mm

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 2576)
Bulk Cable Weight:	23.811 Kg/Km
Max. Recommended Pulling Tension:	120.101 N
Min. Bend Radius/Minor Axis:	44.450 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

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

METRIC MEASUREMENT VERSION

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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
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## Electrical Characteristics (Overall)

## Nom. Inductance:

Inductance ( $\mu\text{H}/\text{m}$ )
0.55777

## Nom. Capacitance Conductor to Conductor:

Capacitance ( $\text{pF}/\text{m}$ )
111.554

## Nom. Conductor DC Resistance:

DCR @ 20°C ( $\text{Ohm}/\text{km}$ )
51.1836

## Max. Operating Voltage - UL:

Voltage
150 V RMS (UL AWM Style 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	305 MT	7.711 KG	CHROME		3 #22 PVC PVC
8443 060U500	152 MT	4.082 KG	CHROME		3 #22 PVC
8443 060100	30 MT	1.043 KG	CHROME		3 #22 PVC PVC
8443 0601000	305 MT	8.165 KG	CHROME	C	3 #22 PVC PVC
8443 060500	152 MT	4.082 KG	CHROME		3 #22 PVC PVC
8443 0605000	1,524 MT	38.556 KG	CHROME		3 #22 PVC PVC

## Notes:

C = CRATE REEL PUT-UP.

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