

## 8444 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
4	22	7x30	TC - Tinned Copper

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.254

#### 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 Cabling

##### Overall Cabling Lay Length & Direction:

Length (mm)
69.849725

##### Overall Cabling Color Code Chart:

Color
Black
White
Red
Green

Overall Nominal Diameter: 4.699 mm

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 2576)
Bulk Cable Weight:	30.657 Kg/Km
Max. Recommended Pulling Tension:	155.687 N
Min. Bend Radius (Install)/Minor Axis:	45.720 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

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

METRIC MEASUREMENT VERSION

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<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
<b>Plenum Number:</b>	88444, 82444

## Electrical Characteristics (Overall)

## Nom. Inductance:

<b>Inductance (µH/m)</b>
0.55777

## Nom. Capacitance Conductor to Conductor:

<b>Capacitance (pF/m)</b>
111.554

## Nom. Conductor DC Resistance:

<b>DCR @ 20°C (Ohm/km)</b>
51.1836

## Max. Operating Voltage - UL:

<b>Voltage</b>
300 V RMS (CMG)
150 V RMS (UL AWM Style 2576)

## Max. Recommended Current:

<b>Current</b>
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
8444 060U1000	305 MT	9.979 KG	CHROME		4 #22 PVC PVC
8444 060U500	152 MT	5.216 KG	CHROME		4 #22 PVC PVC
8444 060100	30 MT	1.270 KG	CHROME		4 #22 PVC PVC
8444 0601000	305 MT	10.433 KG	CHROME	C	4 #22 PVC PVC
8444 060500	152 MT	4.990 KG	CHROME		4 #22 PVC PVC
8444 0605000	1,524 MT	49.895 KG	CHROME		4 #22 PVC PVC

## Notes:

C = CRATE REEL PUT-UP.

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