

## 8421 Coax - Audio Connecting Cable

For more Information  
please call

1-800-Belden1



### Description:

25 AWG Stranded (7x33) conductor, (3) TC, (4) TCCS, FPE insulation, tinned copper spiral wrapped shield (86% coverage), PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Coax	AWG	Stranding	Conductor Material
1	25	7x33	TC/TCCS -Tinned Copper/Tinned Copper Covered Steel

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (in.)	Dia. (in.)
FPE - Foam Polyethylene	.051	.125

#### Outer Shield

##### Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Spiral Serve	TC - Tinned Copper	86

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.023

#### Overall Cable

Overall Nominal Diameter: 0.180 in.

### Mechanical Characteristics (Overall)

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

Non-UL Temperature Rating: 80°C

Bulk Cable Weight: 15 lbs/1000 ft.

Max. Recommended Pulling Tension: 5 lbs.

Min. Bend Radius (Overall): 1.800 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

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): 01/01/2004

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

## Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

### Nom. Characteristic Impedance:

Impedance (Ohm)

80

### Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

16

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

32.27

### Max. Operating Voltage - Non-UL:

Voltage

300 V RMS

### Max. Recommended Current:

Current

1.9 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
8421 060250	250 FT	4.500 LB	BLACK		#25 PE SERVED PVC

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