

## 8416 Coax - Dual Channel Audio Cable



For more Information  
please call

1-800-Belden1



### General Description:

Dual Channel, 25 AWG stranded (7x33), (3) TC, (4) TCCS, polyethylene insulation, individual TC spiral wrapped shield (90% coverage), PVC jacket, polarity rib on red conductor.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
2	25	7x33	TC/TCCS -Tinned Copper/Tinned Copper Covered Steel	.021

Total Number of Conductors: 2

#### Insulation

##### Insulation Material:

Insulation Material	Dia. (in.)
PE - Polyethylene	0.058

Insulation Resistance: Red, Natural

##### Insulation Color Code Chart:

Number	Color
1	Red
2	Natural

#### Inner Shield

##### Inner Shield Material:

Type	Inner Shield Material	Coverage (%)
Spiral Serve	TC - Tinned Copper	90

#### Outer Shield

##### Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

#### Overall Cable

Overall Nominal Diameter: 0.106 x 0.213 in.

### Mechanical Characteristics (Overall)

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

Non-UL Temperature Rating: 80°C

Bulk Cable Weight: 16 lbs/1000 ft.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

EU Directive 2011/65/EU (ROHS II): Yes

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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
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### Electrical Characteristics (Overall)

#### Nom. Characteristic Impedance:

Impedance (Ohm)

44

#### Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

36

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

Voltage

90 V RMS

### Notes (Overall)

**Notes:** For use with head sets, stereo and language labs.

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8416 008250	250 FT	4.750 LB	GRAY		2 SH CONDRS PARALLEL PVC

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