

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. (mm)
2	25	7x33	TC/TCCS -Tinned Copper/Tinned Copper Covered Steel	0.5334

Total Number of Conductors: 2

Insulation**Insulation Material:**

Insulation Material	Dia. (mm)
PE - Polyethylene	1.473

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: 2.692 x 5.410 mm

Mechanical Characteristics (Overall)

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

Non-UL Temperature Rating: 80°C

Bulk Cable Weight: 23.811 Kg/Km

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
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EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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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/m)

118.116

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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