



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

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)

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

Revision Number: 1 Revision Date: 10-02-2012

© 2017 Belden, Inc.
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability. Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein. All sales of Belden products are subject to Belden's standard terms and conditions of sale. Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product. Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).