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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

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