

Product: [BE46312](#) 



AUDIO ANALOG 4 PAIR, 26AWG, ISTP, PVC, STAGE

Product Description

ANALOG AUDIO 4 PAIR, 26AWG/0.14mm², ISTP, PVC, STAGE

Technical Specifications

Product Overview

Environmental Space:	Indoor - Euroclass Eca
Suitable Applications:	The Belden 46-analog-series is a flexible audio snake cable with an overall braid shield; This makes the cable suitable for mobile applications; Jacketed pairs are individually numbered for easy identification

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Cross Section	Construction n x D
26	18x38	TC - Tinned Copper	0.14 mm ²	18x0.10 mm

Conductor Count:	8
Total Number of Pairs:	4

Insulation

Type	Material	Nominal Diameter	Diameter +/- Tolerance
Insulation	Polyethylene	1.05 mm	0.05 mm

Color Chart

Number	Color
Pair 1 t/m 4	Red & White

Inner Shield Material

Type	Material	Min. Coverage [%]
Tape	Polyester	
Spiral Serve / Screen	Tinned copper	90 %

Inner Jacket Material

Material	Color	Nominal Diameter	Diameter +/- Tolerance
PVC - Polyvinyl Chloride	Gray (like RAL 7001)	3.05 mm	0.10 mm

InnerJacket, Table Note:	Elements numbered 1 - 4
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Outer Shield Material

Type	Material	Min. Coverage [%]
Braid	TC - Tinned Copper	80 %

Outer Jacket Material

Material	Nominal Diameter	Diameter +/- Tolerance
Flexible PVC with matte finish	12.50 mm	0.30 mm

Construction and Dimensions

Cabling

Description	Filler
1 center filler + 4 pairs covered with a non-woven separating foil	PVC (1.45 mm)

Electrical Characteristics

Conductor DCR

Max. Conductor DCR
260 Ohm/km

Capacitance

Nom. Capacitance Conductor to Conductor
70 pF/m

Impedance

Nominal Characteristic Impedance	Nominal Characteristic Tolerance
90 Ohm	+/- 20 Ohm

Delay

Nominal Velocity of Propagation (VP) [%]
66 %

Temperature Range

Installation Temp Range:	-5°C To +70°C
Storage Temp Range:	-30°C To +70°C
Other Temp Range:	-30 to +70 °C

Mechanical Characteristics

Min Bend Radius During Installation:	125 mm
Min Bend Radius During Operation:	187.5 mm

Standards

CPR Euroclass:	Eca
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Applicable Environmental and Other Programs

EU RoHS Compliance Date (yyyy-mm-dd):	2005-01-01
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Flammability, LSOH, Toxicity Testing

ISO/IEC Flammability:	IEC 60332-1-2
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Part Number

Variants

Item #	Color	Length
BE46312.00250	Black	250 m
BE46312.00500	Black	500 m

History

Update and Revision:	Revision Number: 0.134 Revision Date: 01-31-2020
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