

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

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
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Physical Characteristics (Overall)

Conductor				
AWG	Stranding	Material	Cross Section	Construction n x D
26	18x38	TC - Tinned Copper	0.14 mm²	18x0.10 mm
Conductor Count:		8		
Total Number of Pairs:		4		

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

Color Chart	
Number	Color
Pair 1 t/m 4	Red & White

Inner Shield		
Type	Material	Min. Coverage [%]
Tape	Polyester	
Spiral Serve / Screen	Tinned Copper (TC)	90%

Inner Jacket			
Material	Color	Nominal Diameter	Diameter +/- Tolerance
PVC - Polyvinyl Chloride	Gray (like RAL 7001)	3.05 mm	0.10 mm
Table Notes:		Elements numbered 1 - 4	

Outer Shield		
Type	Material	Min. Coverage [%]
Braid	Tinned Copper (TC)	80%

Outer Jacket		
Material	Nominal Diameter	Diameter +/- Tolerance
PVC - Polyvinyl Chloride	12.50 mm	0.30 mm
Table Notes:		Flexible Matte Finish Sheath

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 Temperature Range:	-5°C To +70°C
Storage Temperature 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

Environmental Space:	Indoor - Euroclass Eca
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Flammability, LS0H, Toxicity Testing

IEC Flammability:	IEC 60332-1-2
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Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	EAN
BE46312.00250	Black	Reel	250 m	8719605027214
BE46312.00500	Black	Reel	500 m	8719605027221

History

Update and Revision:	Revision Number: 0.161 Revision Date: 04-08-2022
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