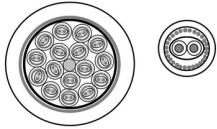




Product: [BE46305](#)



AUDIO ANALOG 16 PAIR, 26AWG, ISTP, PVC, STAGE

## Product Description

ANALOG AUDIO 16 PAIR, 26AWG/0.14mm<sup>2</sup>, 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 mm <sup>2</sup>	18x0.10 mm

Conductor Count: 32

Total Number of Pairs: 16

#### Insulation

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

#### Color Chart

Number	Color
Pair 1 t/m 16	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 - 16

#### Outer Shield

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

#### Outer Jacket

Material	Nominal Diameter	Diameter +/- Tolerance
PVC - Polyvinyl Chloride	18.00 mm	0.50 mm

Table Notes: Flexible Matte Finish Sheath

## Construction and Dimensions

### Cabling

Description	Filler
1 center filler + 16 pairs covered with a non-woven separating foil	Filler (2.9 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:	180 mm
Min. Bend Radius During Operation:	270 mm

## Standards

CPR Euroclass:	Eca
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## Applicable Environmental and Other Programs

Environmental Space:	Indoor
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## Related Part Numbers

### Variants

Item #	Color	Put-Up Type	Length	EAN
BE46305.00250	Black	Reel	250 m	8719605027146
BE46305.00500	Black	Reel	500 m	8719605027153

## History

Update and Revision:	Revision Number: 0.169 Revision Date: 02-03-2025
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