

**Product:** [BE46948](#) 



**AUDIO ANALOG 40 PAIR, 26AWG, ISTP, PVC, STAGE**

## Product Description

ANALOG AUDIO 40 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: 80

Total Number of Pairs: 40

#### Insulation

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

#### Color Chart

Number	Color
Pair 1 t/m 40	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 are numbered 1 - 40

#### Outer Shield

Type	Material	Min. Coverage [%]
Braid	Tinned Copper (TC)	90%

#### Outer Jacket

Material	Nominal Diameter	Diameter +/- Tolerance
PVC - Polyvinyl Chloride	27.50 mm	1.00 mm

Table Notes: Flexible Matte Finish Sheath

## Construction and Dimensions

### Cabling

Description	Filler
1 filler + 40 pairs covered with a non-woven separating foil	Yarn

## 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:	275 mm
Min. Bend Radius During Operation:	412.5 mm

## Applicable Environmental and Other Programs

Environmental Space:	Indoor
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## Related Part Numbers

### Variants

Item #	Color	Put-Up Type	Length	EAN
BE46948.00250	Black	Reel	250 m	8719605027863

## History

Update and Revision:	Revision Number: 0.161 Revision Date: 01-15-2024
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