

**Product:** [BE46313](#) 



**AUDIO ANALOG 8 PAIR, 26AWG, ISTP, PVC, STAGE**

## Product Description

ANALOG AUDIO 8 PAIR, 26AWG/0.14mm<sup>2</sup>, 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 <sup>2</sup>	18x0.10 mm

Conductor Count:	16
Total Number of Pairs:	8

#### Insulation

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

#### Color Chart

Number	Color
Pair 1 t/m 8	Red & White

#### Inner Shield Material

Type	Material	Min. Coverage [%]
Tape	Polyester	
Spiral Serve / Screen	TC - 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 - 8
--------------------------	-------------------------

#### Outer Shield Material

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

#### Outer Jacket Material

Material	Nominal Diameter	Diameter +/- Tolerance
PVC - Polyvinyl Chloride	15.00 mm	0.40 mm

OuterJacket1, Table Note:	Flexible Matte Finish Sheath
---------------------------	------------------------------

### Construction and Dimensions

Cabling

Description	Filler
1 filler + 8 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 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:	150 mm
Min Bend Radius During Operation:	225 mm

Standards

CPR Euroclass:	Eca
----------------	-----

Applicable Environmental and Other Programs

EU RoHS Compliance Date (yyyy-mm-dd):	2005-01-01
---------------------------------------	------------

Flammability, LS0H, Toxicity Testing

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

Part Number

Variants

Item #	Color	Length
BE46313.00250	Black	250 m
BE46313.00500	Black	500 m

History

Update and Revision:	Revision Number: 0.139 Revision Date: 04-08-2020
----------------------	--

© 2020 Belden, Inc  
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.