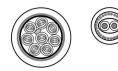




Product: <u>BE46313</u> ☑



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

Product Description

ANALOG AUDIO 8 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 C	opper	0.14 mm ²	18x0.10 mm
Condu	uctor Count:		16		
Total I	Number of Pa	airs:	8		

Insulation

Туре	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

Туре	Material	Min. Coverage [%]
Таре	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 - 8	

Outer Shield

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

Outer Jacket

Material	Nominal Diameter		Diameter +/- Tolerance
PVC - Polyvinyl Chloride	15.00 mm		0.40 mm
Table Notes:		Flexible Ma	tte Finish Sheath

Construction and Dimensions

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
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Applicable Environmental and Other Programs

Indoor - Euroclass Eca

IEC 60332-1-2

Environmental Space:

Flammability, LS0H, Toxicity Testing

IEC Flammability:

Part Number

Variants

	ltem #	Color	Put-Up Type	Length	EAN
	BE46313.00250	Black	Reel	250 m	8719605027238
	BE46313.00500	Black	Reel	500 m	8719605027245

History

Update and Revision: Revision Number: 0.152 Revision Date: 08-27-2021

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