



**Part Number:** 70042.001

AUDIO ANALOG 4 PAIR, 26AWG, LSZH

## Product Description

ANALOG AUDIO 4 PAIR, 26AWG/0.14mm<sup>2</sup>, LSZH

## Product Specifications

### AG.Filter Attributes

Total Number of Conductors:	8
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### Application

Suitable Applications:	Audio snake cable used in professional studios; For the transmission of analogue signals
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### Cabling1

Description@Cabling1:	1 filler + 4 pairs
Filler@Cabling1:	Polypropylene

### Conductor

Total Number of Pairs:	4
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## Technical Specifications

### Applicable Patents

Patent:	<a href="http://www.belden.com/p">http://www.belden.com/p</a>
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### Bend Radius

Min Bend Radius During Installation:	93 mm
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Min Setting Radius:	46.5 mm
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## General Electrical Parameters

Dielectric Strength Cond-Cond (2 sec. ):	0.5 kV DC
Dielectric Strength Cond-Screen (2 sec. ):	0.5 kV DC

## History

Revision Date (yyyy-mm-dd):	2010-02-11
Revision Number:	4

## Safety

ISO/IEC Flammability:	IEC 60332-1-2
Amt of Halogen Acid Gas; Max Conductivity:	10 $\mu$ S/mm
Amt of Halogen Acid Gas; Min pH:	4.3
LOI of Jacket:	Min. 34 %
Amt of Halogen IEC 60754-1 / EN50267-1:	zero

## Conductor DCR:

Nominal Conductor DCR
134.0 Ohm/km

## Color Chart 1:

Number	Color
Pair 1 t/m 4	White & Red

## Delay:

Nominal Velocity of Propagation (VP) [%]
66 %

## Innershield:

Element	Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Foil, bonded to jacket		Aluminum / Polyester		Beldfoil	100 %	Stranded tinned copper	26 7x0.16 mm
Aluminum inside							

## Capacitance:

Nom. Capacitance Conductor to Conductor
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90 pF/m

### Innerjacket:

Element	Material	Nominal Diameter	Diameter +/- Tolerance
FRNC / LSZH		2.80 mm	0.10 mm

Elements are numbered for identification

### Insulation:

Type	Material	Nominal Diameter	Diameter +/- Tolerance
Insulation	Polyethylene	1.00 mm	0.03 mm

### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
FRNC / LSZH	9.30 mm	1.20 mm

### Conductor:

AWG	Stranding	Material	Cross Section	Construction n x D
26	Stranded	Bare oxygen free copper	0.14 mm <sup>2</sup>	7x0.16 mm

### Other Electrical Information:

Dielectric Strength Cond-Cond (2 sec.)	0.5 kV DC
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Dielectric Strength Cond-Screen (2 sec.)	0.5 kV DC
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### Outershield 1:

Type	Material	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Foil	Aluminum / Polyester	100 %	Stranded tinned copper	26	7x0.16 mm

## Product Variants

Part Number	Color	Put-Up Type	Length
70042.00100	BLACK	Reel	100 m
70042.00500	BLACK	Reel	500 m
70042.001			

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