


Product: [70044](#) 



AUDIO ANALOG 12 PAIR, 26AWG, LSZH

## Product Description

ANALOG AUDIO 12 PAIR, 26AWG/0.14mm<sup>2</sup>, LSZH

## Technical Specifications

### Product Overview

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

### Physical Characteristics (Overall)

#### Conductor

| AWG | Stranding | Material  | Cross Section        | Construction n x D |
|-----|-----------|---|----------------------|--------------------|
| 26  | 7x34      | BC-OFHC - Oxygen-Free Bare Copper (High Conductivity) | 0.14 mm <sup>2</sup> | 7x0.16 mm          |

|                        |    |
|------------------------|----|
| Conductor Count:       | 24 |
| Total Number of Pairs: | 12 |

#### Insulation

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

#### Color Chart

| Number        | Color       |
|---------------|-------------|
| Pair 1 t/m 12 | White & Red |

#### Inner Shield Material

| Type | Material    | Material Trade Name | Coverage [%] | Drainwire Material     | Drainwire AWG | Drainwire Construction n x D |
|------|-------------|---------------------|--------------|------------------------|---------------|------------------------------|
| Tape | Alum / Poly | Beldfoil®           | 100%         | Stranded tinned copper | 26            | 7x0.16 mm                    |

|              |                 |
|--------------|-----------------|
| Table Notes: | Aluminum inside |
|--------------|-----------------|

#### Inner Jacket Material

| Material                                      | Nominal Diameter | Diameter +/- Tolerance |
|---|------------------|------------------------|
| LSZH - Low Smoke Zero Halogen flame retardant | 2.80 mm          | 0.10 mm                |

|              |  |
|--------------|--|
| Table Notes: | Elements are numbered for identification |
|--------------|--|

#### Outer Shield Material

| Type | Material    | Coverage [%] | Drainwire Material | Drainwire AWG | Drainwire Construction n x D |
|------|-------------|--------------|--------------------|---------------|------------------------------|
| Tape | Alum / Poly | 100%         | TC - Tinned Copper | 26            | 7x0.16 mm                    |

#### Outer Jacket Material

| Material                                      | Nominal Diameter | Nominal Wall Thickness |
|---|------------------|------------------------|
| LSZH - Low Smoke Zero Halogen flame retardant | 14.00 mm         | 1.30 mm                |

## Construction and Dimensions

#### Cabling

| Description | Filler |
|-------------|--------|
|             |        |

3 fillers + 12 pairs Cotton (3x)

## Electrical Characteristics

### Conductor DCR

#### Nominal Conductor DCR

134.0 Ohm/km

### Capacitance

#### Nom. Capacitance Conductor to Conductor

90 pF/m

### Delay

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

66%

## Temperature Range

Other Temp Range: -30 to +70 °C

## Mechanical Characteristics

Min Bend Radius During Installation: 140 mm

Min Setting Radius: 70 mm

## Applicable Environmental and Other Programs

Environmental Space: Indoor

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

## Flammability, LS0H, Toxicity Testing

IEC Flammability: IEC 60332-1-2

LOI of Jacket: Min. 34 %

IEC 60754-1 (EN50267-1)- Halogen Amount: Zero

IEC 60754-2 (EN50267-2)- Halogen Acid Gas Amount - Max. Conductivity: 2.5 µS/mm

IEC 60754-2 (EN50267-2)- Halogen Acid Gas Amount - Min. pH: 4.3

## Part Number

### Variants

| Item #      | Color | Putup Type | Length | EAN           |
|-------------|-------|------------|--------|---------------|
| 70044.00100 | Black | Reel       | 100 m  | 8719605009852 |
| 70044.00500 | Black | Reel       | 500 m  | 8719605009869 |

## History

Update and Revision: Revision Number: 0.146 Revision Date: 04-08-2020

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