

# Part Number: 70030

## AUDIO ANALOG 1 PAIR, 24AWG, ISTP, LSZH

### Product Description

ANALOG AUDIO 1 PAIR, 24AWG/0.22mm², ISTP, LSZH

### Technical Specifications

#### Product Overview

| | |
|---|---|
| Environmental Space: | Indoor - Euroclass Dca |
| Suitable Applications: | Single pair 24 AWG halogen free screened pair cable for analog audio; For analogue audio |

#### Physical Characteristics (Overall)

**Conductor**

| AWG | Stranding | Material | Construction n x D | No. of Pairs |
|---|---|---|---|---|
| 24 | 7x32 | BOFC - Bare Oxygen free Copper | 7x0.20 mm | 1 |

| | |
|---|---|
| Conductor Count: | 2 |
| Total Number of Pairs: | 1 |
| Conductor Size: | 24 AWG |

**Insulation**

| Type | Material | Nominal Diameter | Diameter +/- Tolerance |
|---|---|---|---|
| Insulation | Polyethylene | 1.02 mm | 0.05 mm |

**Color Chart**

| Number | Color |
|---|---|
| Pair 1 | Red & Black |

**Outer Shield Material**

| Type | Material | Coverage [%] | Drainwire Material | Drainwire AWG | Drainwire Construction n x D | Drainwire Position |
|---|---|---|---|---|---|---|
| Foil | Aluminum/Polyester | 100 % | Stranded tinned copper | 24 | 7x0.20 mm | Under shielding foil |

**Outer Jacket Material**

| Material | Nominal Diameter | Diameter +/- Tolerance |
|---|---|---|
| LSZH / FRNC | 3.1 mm | 0.1 mm |

#### Construction and Dimensions

**Cabling**

| Description |
|---|
| 1 Pair + Stranded tinned copper drainwire (AWG 24)(7x0.20) |

#### Electrical Characteristics

**Conductor DCR**

| Nominal Conductor DCR | Nominal Outer Shield DCR |
|---|---|
| 88.5 Ohm/km | 52 Ohm/km |

**Capacitance**

| Nom. Capacitance Conductor to Conductor | Nom. Capacitance Conductor to Shield |
|---|---|
| 92 pF/m | 180 pF/m |

**Inductance**

| Nominal Inductance |
|---|
| 0.75 µH/m |

## Temperature Range

| | |
|---|---|
| Other Temp Range: | -30-+70 °C |

## Mechanical Characteristics

| | |
|---|---|
| Max Recommended Pulling Tension: | 70 N |
| Min Bend Radius During Installation: | 31 mm |
| Min Setting Radius: | 15.5 mm |

## Standards

| | |
|---|---|
| CPR Euroclass: | Dca-s2,d1,a1 |

## Applicable Environmental and Other Programs

| | |
|---|---|
| EU RoHS Compliance Date (yyyy-mm-dd): | 2013-07-05 |

## Flammability, LS0H, Toxicity Testing

| | |
|---|---|
| ISO/IEC Flammability: | IEC 60332-1-2 |
| LOI of Jacket: | 34 % |
| Amount of Halogen acc. to IEC 60754-1 & EN50267-1: | Zero |

## Part Number

**Variants**

| Item # | Color | Length |
|---|---|---|
| 70030.01100 | Black | 100 m |
| 70030.01500 | Black | 500 m |
| 70030.00100 | Gray | 100 m |
| 70030.00500 | Gray | 500 m |

## History

| | |
|---|---|
| Revision Number: | 1 |

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