



Part Number: 70030

AUDIO ANALOG 1 PAIR, 24AWG, ISTP, LSZH

## Product Description

ANALOG AUDIO 1 PAIR, 24AWG/0.22mm<sup>2</sup>, ISTP, LSZH

## Product Specifications

### Application

Suitable Applications:	Single pair 24 AWG halogen free screened pair cable for analog audio; For analogue audio
------------------------	---

### Cabling1

Description@Cabling1:	1 Pair + Stranded tinned copper drainwire (AWG 24)(7x0.20)
-----------------------	--

## Technical Specifications

### Applicable Patents

Patent:	<a href="http://www.belden.com/p">http://www.belden.com/p</a>
---------	---

### Bend Radius

Min Bend Radius During Installation:	31 mm
Min Setting Radius:	15.5 mm

### History

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

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

## Safety

ISO/IEC Flammability:	IEC 60332-1
Amt of Halogen Acid Gas; Max Conductivity:	10 $\mu$ S/mm
Amt of Halogen Acid Gas; Min pH:	4.3
LOI of Jacket:	34 %
Smoke Density; Min Transmittance:	60 %
Amt of Halogen IEC 60754-1 /EN50267-1:	zero

## Use

Max Recommended Pulling Tension:	70 N
----------------------------------	------

### Inductance:

Nominal Inductance
0.75 $\mu$ H/m

### Conductor DCR:

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

### Color Chart 1:

Number	Color
Pair 1	Red & Black

### Capacitance:

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

### Insulation:

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

### Outerjacket 1:

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

### Conductor:

AWG	Stranding	Material	Construction n x D	No. of Pairs
24	Stranded	Bare oxygen free copper	7x0.20 mm	1

## Outershield 1:

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

## Product Variants

Part Number	Color	Put-Up Type	Length
70030	GRAY	Reel	100 m
70030	GRAY	Reel	500 m
70030	BLACK	Reel	100 m
70030	BLACK	Reel	500 m
70030			

© 2017 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 herein 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 "AS IS" 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 EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure 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. This 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.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.