



Product: [70031](#)

AUDIO ANALOG 1 PAIR, 22AWG, ISTP, LSZH

Product Description

ANALOG AUDIO 1 PAIR, 22AWG/0.34mm², ISTP, LSZH

Technical Specifications

Product Overview

Suitable Applications:	1-pair 22AWG halogen-free screened pair cable; For analogue audio
------------------------	---

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Construction n x D
22	7x30	BC-OFHC - Oxygen-Free Bare Copper (High Conductivity)	7x0.25 mm

Conductor Count:	2
Total Number of Pairs:	1

Insulation

Type	Material	Nominal Diameter	Diameter +/- Tolerance
Insulation	PE - Polyethylene	1.16 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
Tape	Alum / Poly	100%	TC - Tinned Copper	22	7x0.25 mm	Under shielding foil

Outer Jacket Material

Material	Nominal Diameter	Diameter +/- Tolerance
LSZH - Low Smoke Zero Halogen flame retardant	3.50 mm	0.20 mm

Construction and Dimensions

Cabling

Description
1 pair

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
46.0 Ohm/km	46.9 Ohm/km

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Shield
115 pF/m	220 pF/m

Inductance

Nominal Inductance

0.56 µH/m

Temperature Range

Other Temp Range: -30 to +70 °C

Mechanical Characteristics

Max. Pull Tension:	120 N
Min Bend Radius During Installation:	35 mm
Min Setting Radius:	17.5 mm

Standards

CPR Euroclass: Eca

Applicable Environmental and Other Programs

Environmental Space:	Indoor - Euroclass Eca
EU RoHS Compliance Date (yyyy-mm-dd):	2017-02-10

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
70031.01100	Black	Reel	100 m	8719605125750
70031.01500	Black	Reel	500 m	8719605125767
70031.00100	Gray	Reel	100 m	8719605009579
70031.00500	Gray	Reel	500 m	8719605009586

History

Update and Revision: Revision Number: 0.144 Revision Date: 04-08-2020

© 2020 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 here in 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 "ASIS" 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 all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information 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. The 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.