Product: 70075 ⬀

1 PAIR AES/EBU, 24AWG, ISTP, FRNC/LSZH

Product Description

1 PAIR AES/EBU, 24AWG, ISTP, FRNC/LSZH

Technical Specifications

Product Overview

Suitable Applications:	Digital multi-modulation cable used in professional studios; For the transmission of analogue and digital audio signals; Designed to meet the requirements of the AES/EBU specification

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Cross Section	Construction n x D
24	7x32	BC-OFHC - Oxygen-Free Bare Copper (High Conductivity)	0.22 mm²	7x0.20 mm

Conductor Count:	2
Total Number of Pairs:	1

Insulation

Type	Material	Nominal Diameter	Diameter +/- Tolerance
Insulation	PE - Polyethylene (Foam)	1.45 mm	0.03 mm

Color Chart

Number	Color
Pair 1	Black & Red

Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	24	7x0.20 mm

Outer Jacket Material

Material	Nominal Diameter	Diameter +/- Tolerance
LSZH - Low Smoke Zero Halogen (Flame Retardant)	3.50 mm	0.10 mm

Construction and Dimensions

Cabling

Description
1 pair

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
86.0 Ohm/km

Capacitance

Nom. Capacitance Conductor to Conductor

40 pF/m

Impedance

Frequency [MHz]	Nominal Characteristic Impedance	Nominal Characteristic Tolerance
0.1 - 6	110 Ohm	+/- 15 Ohm

Temperature Range

Other Temp Range:	-30 to +70 °C

Mechanical Characteristics

Min Bend Radius During Installation:	35 mm
Min Bend Radius During Operation:	52.5 mm

Standards

CPR Euroclass:	Dca-s2,d1,a1

Applicable Environmental and Other Programs

Environmental Space:	Indoor - Euroclass Dca
EU RoHS Compliance Date (yyyy-mm-dd):	2014-09-16

Flammability, LS0H, Toxicity Testing

IEC Flammability:	IEC 60332-1-2
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
70075.01305	Black	Reel	305 m	8719605010681
70075.01500	Black	Reel	500 m	8719605010698

History

Update and Revision:	Revision Number: 0.156 Revision Date: 09-30-2020