



Product: [8725NH](#)

AUDIO ANALOG 4 PAIR 20AWG, BELDFOIL, LSZH

Product Description

ANALOG AUDIO 4 PAIR 20AWG/0.5mm², BELDFOIL, LSZH

Technical Specifications

Product Overview

Suitable Applications:	Audio, communication and instrumentation cable
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Construction n x D
20	7x28	TC - Tinned Copper	7x0.32 mm

Conductor Count:	8
Total Number of Pairs:	4

Insulation

Type	Material	Nominal Diameter	Diameter +/- Tolerance
Insulation	PE - Polyethylene	1.72 mm	0.05 mm

Color Chart

Number	Color
Pair 1	Black & Red
Pair 2	White & Green
Pair 3	White/Red & White/Black
Pair 4	White/Green & White/Yellow

Color Chart 2

Number	Color
Pair 1	Red
Pair 2	Green
Pair 3 t/m 4	Blue

Inner Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D	Drainwire Position
	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	Stranded tinned copper	22	7x0.25 mm	Under shielding foil
Tape	Polyester						

Table Notes:	Aluminum inside
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Outer Shield Material

Material
Bi-Laminate (Alum+Poly)

Outer Jacket Material

Material	Nominal Diameter	Diameter +/- Tolerance
LSZH - Low Smoke Zero Halogen (Flame Retardant)	8.50 mm	0.30 mm

Construction and Dimensions

Cabling

Description
1 center filler + 4 cabled pairs

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
35.0 Ohm/km

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
88 pF/m	160 pF/m

Inductance

Nominal Inductance
0.62 μ H/m

Impedance

Nominal Characteristic Impedance
56 Ohm

Current

Max. Recommended Current [A]
3.9 Amps per Conductor

Voltage

Voltage Rating [V]
300 V

Temperature Range

Storage Temp Range:	-40°C to +70°C
Operating Temp Range (Fixed Install):	-40°C To +70°C

Mechanical Characteristics

Max. Pull Tension:	50 N
Min Bend Radius During Installation:	85 mm
Min Setting Radius:	42.5 mm

Standards

CPR Euroclass:	Eca
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Applicable Environmental and Other Programs

Environmental Space:	Indoor - Euroclass Eca
EU RoHS Compliance Date (yyyy-mm-dd):	2013-08-26

Flammability, LSOH, 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 μ S/mm
IEC 60754-2 (EN50267-2)- Halogen Acid Gas Amount - Min. pH:	4.3
IEC 61034-2 (EN 61034-2) (VDE 0482-1034) - Smoke Density Min. Transmittance:	60%

Part Number

Variants

Item #	Color	Putup Type	Length	EAN
8725NH.00500	Gray	Reel	500 m	8719605018779

History

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