



Product: [4100FE](#)

AUDIO 2x14AWG BELDFOIL, FRNC/LSZH

## Product Description

AUDIO 2x14AWG BELDFOIL, FRNC/LSZH

## Technical Specifications

### Product Overview

Environmental Space:	Indoor - Euroclass Eca
Suitable Applications:	Commercial applications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
14	19x27	BC - Bare Copper	1.8 mm	2

Conductor Count:	2
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#### Insulation

Type	Material	Nominal Diameter	Diameter +/- Tolerance	Nominal Wall Thickness
Insulation	PO - Polyolefin	2.34 mm	0.05 mm	0.28 mm

#### Color Chart

Number	Color
Wire 1	Black
Wire 2	White

#### Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Thickness of Foil	Drainwire Material	Drainwire AWG
Tape	Aluminum/Polyester	Beldfoil®	100 %	9 µm	TC - Tinned Copper	AWG22/7

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Ripcord
LSZH / FRNC	5.65 mm	0.4 mm	Provided under the sheath

## Construction and Dimensions

### Cabling

Description
2 wires twisted

## Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
8.3 Ohm/km	11.3 Ohm/km

#### Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield

250 pF/m	450 pF/m
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#### Current

<b>Max. Recommended Current [A]</b>
8 A

#### Voltage

<b>Voltage Rating [V]</b>
300 V

#### Temperature Range

Installation Temp Range:	-20°C To +70°C
Storage Temp Range:	-30°C To +70°C
Operating Temp Range:	-20°C To +70°C

#### Mechanical Characteristics

Max Recommended Pulling Tension:	200 N
Min Bend Radius During Installation:	56.5 mm
Min Setting Radius:	28.25 mm

#### Standards

CPR Euroclass:	Eca
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#### Applicable Environmental and Other Programs

EU RoHS Compliance Date (yyyy-mm-dd):	2005-01-01
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#### Flammability, LS0H, Toxicity Testing

ISO/IEC Flammability:	IEC 60332-1-2
Amount of Halogen acc. to IEC 60754-1 & EN50267-1:	Zero

#### Part Number

#### Variants

Item #	Color	Length
4100FE.00500	Gray	500 m
4100FE.K0500	Gray	500 m
4100FE.00305	Gray	305 m

#### History

Update and Revision:	Revision Number: 0.175 Revision Date: 02-14-2020
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