



**Part Number: 4300FE**

**AUDIO 2x18AWG BELDFOIL, FRNC/LSZH**

**Product Description**

AUDIO 2x18AWG 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
18	7x26	BC - Bare Copper	1.22 mm	2

Conductor Count:	2
Conductor Size:	18 AWG

**Insulation**

Type	Material	Nominal Diameter	Diameter +/- Tolerance	Nominal Wall Thickness
Insulation	PP - Polypropylene	1.5 mm	0.05 mm	0.2 mm

**Color Chart**

Number	Color
Wire 1	Black
Wire 2	Red

**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	AWG24/7

**Outer Jacket Material**

Material	Color	Nominal Diameter	Nominal Wall Thickness	Ripcord
LSZH / FRNC	Gray	4.15 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
21.3 Ohm/km	23.6 Ohm/km

**Capacitance**

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
158 pF/m	295 pF/m

#### Current

Max. Recommended Current [A]
3.5 A

#### Voltage

Voltage Rating [V]
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:	90 N
Min Bend Radius During Installation:	41.5 mm
Min Setting Radius:	20.75 mm

#### Standards

CPR Euroclass:	Eca
----------------	-----

#### Applicable Environmental and Other Programs

EU RoHS Compliance Date (yyyy-mm-dd):	2005-01-01
---------------------------------------	------------

#### Flammability, LS0H, Toxicity Testing

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

#### Part Number

#### Variants

Item #	Color
4300FE.00100	Gray, RAL 7032
4300FE.00500	Gray, RAL 7032

#### History

Revision Number:	7
------------------	---

© 2019 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.