



Part Number: 70046

SPEAKERCABLE LSZH 2x2.5mm²

Product Description

SPEAKERCABLE LSZH 2x2.5mm²

Technical Specifications

Product Overview

Environmental Space:	Indoor - Euroclass Cca
Suitable Applications:	Speaker cable for use in indoor or outdoor applications

Physical Characteristics (Overall)

Conductor

Stranding	Material	Cross Section	Construction n x D
Stranded	BOFC - Bare Oxygen free Copper	2.50 mm ²	50x0.25 mm

Conductor Count:	2
Conductor Size:	2.50 mm ²

Insulation

Type	Material	Nominal Diameter	Diameter +/- Tolerance
Insulation	FRNC / LSZH	2.70 mm	0.07 mm

Color Chart

Number	Color
Wire 1	Black
Wire 2	Red

Outer Jacket Material

Material	Color	Nominal Diameter	Diameter +/- Tolerance
LSZH / FRNC with matte finish	Gray (like RAL 7000) or Black (UV resistant)	7.30 mm	0.10 mm

Construction and Dimensions

Cabling

Description
2 fillers + 2 wires twisted

Electrical Characteristics

Conductor DCR

Max. Conductor DCR
8 Ohm/km

Voltage

Voltage Rating [V]
300 V

Temperature Range

Operating Temp Range (Flexible Install):	-5°C To +60°C
Operating Temp Range (Fixed Install):	-30°C To +70°C

Mechanical Characteristics

Max Recommended Pulling Tension:	350 N
----------------------------------	-------

Standards

CPR Euroclass:	Cca-s1,d2,a1
----------------	--------------

Applicable Environmental and Other Programs

EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
---------------------------------------	------------

Flammability, LS0H, Toxicity Testing

ISO/IEC Flammability:	IEC 60332-1-2
LOI of Jacket:	Min. 34 %
Amount of Halogen acc. to IEC 60754-1 & EN50267-1:	Zero

Part Number

Variants

Item #	Color
70046.00100	Black
70046.00500	Black

History

Revision Number:	3
------------------	---

© 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.