



Product: [46380NH](#)

Speaker Cable LSZH 2x4.0mm², CPR Eca.

Product Description

Speaker Cable, 2 Conductor 4.0mm² (56 x 0.30mm) Oxygen-Free Bare Copper (High Conductivity), PE Insulation, LSZH Jacket, Flexible, CPR Euroclass Eca.

Technical Specifications

Product Overview

Suitable Applications:	Speaker cable for use in indoor or outdoor applications
------------------------	---

Physical Characteristics (Overall)

Conductor

Stranding	Material	Cross Section	Construction n x D
56x29	BC - Bare Copper	4.00 mm ²	56x0.30 mm

Conductor Count:	2
------------------	---

Insulation

Type	Material	Nominal Diameter	Diameter +/- Tolerance
Insulation	PE - Polyethylene	3.50 mm	0.07 mm

Color Chart

Number	Color
Wire 1	Black
Wire 2	Red

Outer Jacket

Material	Nominal Diameter	Diameter +/- Tolerance
LSZH - Low Smoke Zero Halogen (Flame Retardant)	9.00 mm	0.10 mm

Table Notes:	Flexible with Matte Finish
--------------	----------------------------

Construction and Dimensions

Cabling

Description
2 wires twisted

Electrical Characteristics

Conductor DCR

Max. Conductor DCR
4.5 Ohm/km

Capacitance

Nom. Capacitance
76 pF/m

Min Insulation Resistance:	200 MOhm*km
----------------------------	-------------

Inductance

Nominal Inductance

Max. 1.20 µH/m

Voltage**Voltage Rating [V]**

300 V

Temperature Range

Storage Temperature Range:	-40°C To +70°C
Operating Temp Range (Flexible Install):	-5°C To +60°C
Operating Temp Range (Fixed Install):	-40°C To +70°C

Mechanical Characteristics

Max. Pull Tension:	550 N
--------------------	-------

Standards

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

Applicable Environmental and Other Programs

Environmental Space:	Indoor - Euroclass Eca
----------------------	------------------------

Flammability, LSOH, Toxicity Testing

IEC Flammability:	IEC 60332-1-2
IEC 60754-1 - Halogen Amount:	Zero
IEC 60754-2 - Halogen Acid Gas Amount - Max. Conductivity:	2.5 µS/mm
IEC 60754-2 - Halogen Acid Gas Amount - Min. pH:	4.3

Related Part Numbers**Variants**

Item #	Color	Put-Up Type	Length	EAN
46380NH.01100	Black	Reel	100 m	8719605007452
46380NH.01500	Black	Reel	500 m	8719605007469
46380NH.00100	Gray	Reel	100 m	8719605007438
46380NH.00500	Gray	Reel	500 m	8719605007445

History

Update and Revision:	Revision Number: 0.172 Revision Date: 12-19-2022
----------------------	--

© 2023 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.