



Product: [70048LW](#) 

Life Cycle Status: Capability

Speaker Cable LSZH 2x4.0mm², CPR Cca.

Product Description

Speaker Cable LSZH 2x4.0mm², CPR Cca.

Technical Specifications

Product Overview

Suitable Applications:	Speaker cable for use in indoor or outdoor applications
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Product Life Cycle

Life Cycle:	Capability - the product is not yet standardly available for orders but can be manufactured
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Construction Details

Conductor

Size	Stranding	Material
2.5 mm ²	Stranded	BC-OFHC - Oxygen-Free Bare Copper (High Conductivity)

Insulation

Material	Nom. Insulation Diameter	Color Code
LSZH - Low Smoke Zero Halogen (Flame Retardant)	2.70 mm (0.106 in)	Black, Red

Outer Jacket

Material	Nom. Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	8.0 mm (0.31 in)

Outer Jacket1 Table Notes:	Matte Finish
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Electrical Characteristics

Electricals

Max. Conductor DCR
8 Ohm/km

Mechanical Characteristics

Temperature

Operating	Installation	Storage	Continuous Flexing
N/A to N/A	N/A to N/A	N/A to N/A	N/A to N/A

Max. Pull Tension:	550 N (120 lbf)
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Standards and Compliance

Environmental Suitability:	Indoor/Outdoor - Euroclass Cca, Indoor, Outdoor, Non-Halogenated, Sunlight Resistance - UL 1581 sec 1200 Black Only
Flammability / Reaction to Fire:	IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Cca-s1,d1,a1
CEC / C(UL) Compliance:	.

European Halogen Free Standards:	IEC 62821-1 Halogen Free Compliance = Yes, 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, IEC 61034-2 - Smoke Density Min. Transmittance = 60%
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2)

Product Notes

Notes:	This is a preliminary Technical Design Specification (TDS). The minimum business quantity to offer is 3km for the first order. This product will have Black as standard color and 305mt as standard put-ups. Additional options for colors and put-ups are available on special request. The estimated production lead time for the first order will be similar to the production lead time of 70048LV. Please liaise with your Belden representative for confirmation.
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History

Update and Revision:	Revision Number: 0.25 Revision Date: 07-29-2026
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