Belden



Product: 70046

Speaker Cable LSZH 2x2.5mm², CPR Dca.

Product Description

Speaker Cable, 2 Conductor 2.5mm² (50 x 0.25mm) Oxygen-Free Bare Copper (High Conductivity), LSZH Insulation, LSZH Jacket, Flexible, CPR Euroclass Dca.

Technical Specifications

Product Overview

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

Construction Details

Conductor

Size	Stranding	Material
2.5 mm²	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)	7.30 mm (0.287 in)

Outer Jacket1 Table Notes:	Matte Finish
Overall Cable Diameter (Nominal):	7.30 mm (0.287 in)

Electrical Characteristics

Electricals

Max. Conductor DCR
8 Ohm/km (2.4 Ohm/1000ft)

Mechanical Characteristics

Temperature

Operating	Storage
-30°C to +70°C	-30°C to +70°C

Max. Pull Tension:	350 N (79 lbf)

Standards and Compliance

Environmental Suitability:	Indoor - Euroclass Dca, Non-Halogenated
Flammability / Reaction to Fire:	IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Dca-s2,d2,a1; CPR UKCA Class: Dca-s2,d2,a1
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 Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2)

UK Regulation Compliance:	UKCA Mark

History

Update and Revision:	Revision Number: 0.299 Revision Date: 10-21-2026

Part Numbers

Variants

Item #	Color	Putup Type	Length	EAN
70046.00100	Black	Reel	100 m	8719605009890
70046.00500	Black	Reel	500 m	8719605009906

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