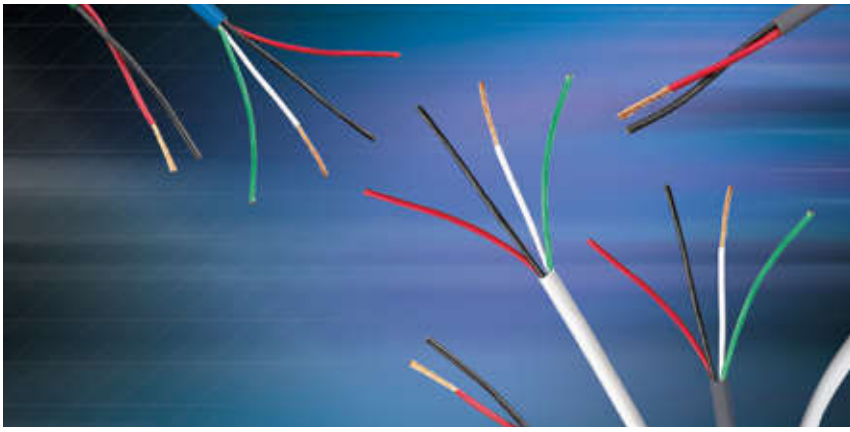
LSZH Speaker cables

Belden Speaker cables use OFHC conductors offer Top Performance.

Top range of speaker cables complying to the CPR Euroclass requirements up to B2ca.



Belden LSZH OFHC Speaker cables answer the need for an CPR Euroclass rated, high-end speaker cable with distinct performance and installation benefits.



Enhanced Sound Performance

The copper conductors of Brilliance Low Cap OFHC Speaker cable have been manufactured using an upright shaft manufacturing process. The result of this process is a high-conductivity copper conductor that is inherently free of impurities.

Construction details

The range of products consists of 2 x 1.5 mm2, 2 x 2.5mm2, 4 x 2.5mm2 and 2 x 4.0 mm2. These are available in CPR Euroclass ratings:

- B2ca-s1,d1,a1
- Cca-s1,d1,a1
- Dca-s2,d2,a1



Euroclass program

Euroclasses are uniform assessment methods or classifications that reflect real-life environments for building products based on reaction-to-fire performance. Based on the cable's performance, it is placed into the Euroclass system that indicates its behavior during a fire.

The Euroclass program provides rankings based on the following criteria:

- Contribution to expanding a fire (rating from "no contribution" to "high contribution," with several levels in between)
- Smoke production development (rating from "limited production" to "strong production")
- Burning falling particles/droplets (rating from "no" to "high")
- Class corrosiveness/acidity of combustion gases (ranging from "low corrosiveness" to "high corrosiveness")

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Description	Part No.	Euroclass	No. of Cond.	Standard Lengths [m]	Standard Weight [kg]	Diameter over Insulation [mm]	DC Resistance conductor [Ω/km]	Nominal O.D. [mm]
1.5 mm2 Stranded (30 x 0.25mm2) Conductors | Oxygen-free Bare Copper | Conductors Cables								
LSZH Insulation | LSZH Jacket								
Red and Black cores	70045	Dca-s2,d2,a1	2	100	62.1	2.3	< 13	6.3
				250				
				500				
	70045LW	Cca-s1,d1,a1	2	100	72.6	2.3	< 13	6.8
				250				
				500				
	70045LV	B2ca-s1,d1,a1	2	100	72.6	2.3	< 13	6.8
				250				
				500				
2.5 mm2 Stranded (50 x 0.25mm2) Conductors | Oxygen-free Bare Copper | Conductors Cables								
LSZH Insulation | LSZH Jacket								
Red and Black cores	70046	Dca-s2,d2,a1	2	100		2.7	< 8	7.3
				250				
				500				
	70046LW	Cca-s1,d1,a1	2	100		2.7	< 8	8
				250				
				500				
	70046LV	B2ca-s1,d1,a1	2	100		2.7	< 8	8
				250				
				500				
	70047	Dca-s2,d2,a1	4	100		2.7	< 8	8.5
				250				
				500				
	70047LW	Cca-s1,d1,a1	4	100		2.7	< 8	9.5
				250				
				500				
	70047LV	B2ca-s1,d1,a1	4	100		2.7	< 8	9.5
				250				
				500				
4 mm2 Stranded (56 x 0.3mm2) Conductors | Oxygen-free Bare Copper | Conductors Cables								
LSZH Insulation | LSZH Jacket								
Red and Black cores	70048	Dca-s2,d2,a1	2	100		3.3	< 4.5	8.6
				250				
				500				
	70048LW	Cca-s1,d1,a1	2	100		3.3	< 4.5	8.6
				250				
				500				
	70048LV	B2ca-s1,d1,a1	2	100		3.3	< 4.5	8.6
				250				
				500				

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