

Professional Speaker Cable ZHB



Event[®] install

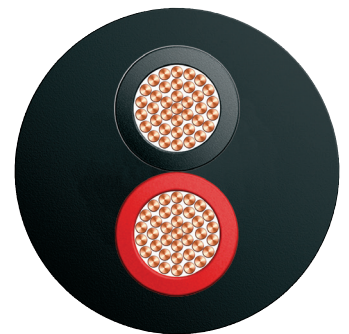


Application

This range of speaker cables are specially designed for fixed installation in public buildings where LSZH cables are specified. The use of extra supple compounds give them good flexibility and good mechanical resistance.

Cable Design

Conductor Stranded Oxygen Free Copper
Insulation LSZH FireFighter[®]
No. of Cores 2, 4 or 8 cores cabled together
Outer Jacket LSZH FireFighter[®]
Colour see specification table



Core Identification

2 Core - Red, Black

4 Core - Red, Black, White, Yellow (RED opposite WHITE and BLACK opposite YELLOW)

8 Core - Centre core- Red followed by 1° layer of Black, Green, Grey, Orange, Blue, White, Yellow

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Characteristics

Flame Retardant Test - IEC 60332-1-2, DIN EN 60332-1-2, BS EN 60332-1-2, EN 60332-1-2

Flame Propagation Test - IEC 60332-3-24, DIN EN 60332-3-24, BS EN 60332-3-24, EN 60332-3-24

Smoke Density Test - IEC 61034-2, VDE 0482-1034-2, EN 61034-2

Corrosive Gas Test - IEC 60754-2, VDE 0482-754-1-2, EN 60754-2

Halogen Free Test - IEC 60754-1, VDE 0482-754-2, EN 60754-2

Flame Spread test for Single Cable - IEC 60332-1-2

Flame Spread Test for Bunched Cable - IEC 60332-3-24
















Euroclass - B2ca-s1a, d1, a1

Technical Data

Conductor Size (mm ²)	0,75	1,0	1,50	2,50	4,0	6,0
Conductor Resistance [Ohm/km]	< 26,0	<19,5	<13,3	< 7,98	< 4,95	< 3,30
Current Load [A]	13	16	20	25	34	44
Insulation Resistance	20 MΩ x km at 20 °C					
Operating Voltage	300/500 V					
Test Voltage AC	> 2000 V					
Min. Bending radius	10 x Ø					
Temperature Range (static)	-20 °C up to +80 °C					
Temperature Range (Operating)	-5 °C up to +80 °C					

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Specification

Cross Section	Part Number	Formation [N° of Cores x mm ²]	Overall Diameter [mm [± 10%]]	Approx. Weight [kg/km]	Colour
	ZHB2075	2 x 0,75	5,20	45	Black
	ZHB210	2 x 1,0	5,60	53	Black
	ZHB210-10	2 x 1,0	5,60	53	White
	ZHB215	2 x 1,50	6,0	66	Black
	ZHB215-10	2 x 1,50	6,0	66	White
	ZHB415	4 x 1,50	7,30	105	Black
	ZHB225	2 x 2,50	7,60	105	Black
	ZHB225-10	2 x 2,50	7,60	105	White
	ZHB425	4 x 2,50	9,0	165	Black
	ZHB825	8 x 2,50	12,10	290	Black
	ZHB240	2 x 4,0	8,80	150	Black
	ZHB440	4 x 4,0	10,20	230	Black
	ZHB840	8 x 4,0	13,60	410	Black
	ZHB260	2 x 6,0	10,40	215	Black
	ZHB460	4 x 6,0	13,00	429	Black