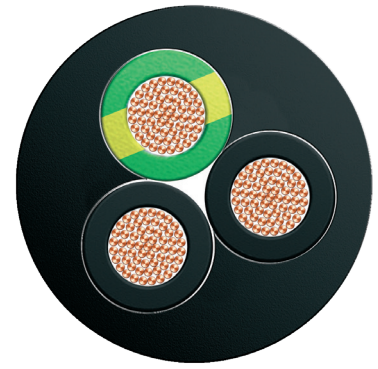


EventSeries®

ZHL Lighting Control Cable LSZH FireFighter®



Application

This range of Low Smoke Zero Halogen control cables have been designed for use with "Socapex™" style 19pin lighting connectors where LSZH cables are specified. The use of extra supple compounds give them good flexibility and good mechanical resistance.

Cable Design

Conductor	Stranded bare copper wire
Cross Section	- 1,50mm ² (30/0,25 mm) - 2,50mm ² (50/0,25 mm)
Insulation	Pyromeric Technopolemero
Assembly	- 3 cores - 18 cores + central filler
Core Identification	Number coded with Green/Yellow earth (Also available in Lighting Connector Rotation)
Outer Jacket	Pyromeric Technopolemero LSZH
Diameter	Ø see specification table
Colour	Black Matt



Electrical Data

Conductor Resistance	1.5mm ²	< 13,3	Ω/km
	2.5mm ²	< 7,98	Ω/km
Insulation Resistance		200	MΩ x km
Max. Working Voltage		300/500 V	
Test Voltage		> 3	kV





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Mechanical & Thermal Characteristics

Temperature Range	static	-30 °C up to +70 °C	
	Operat.	-5 °C up to +70 °C	
Min. Bending Radius	flexing	7,5	x Ø
	fixed	4	x Ø
Weight	see specification table		
Outer Jacket Standards	HD 21.14.51 Annex B TM7 TS EN 60332-1 TS EN 60332-1		
Degree of acidity of gases	TS EN 50267-2-3 self extinguishing acc. to IEC 60332-3		
Amount of Halogen acid gases	TS EN 50267-2-1 Flame resistant acc. to IEC 60332-3		
Smoke Density	TS EN 61034-2		

Specification

Cross Section	Part Number	No. of Cores x Cross Section [N° x mm ²]	Overall Diameter [mm] ± 10%	Weight [kg/km]
	ZHL315	3 x 1,5	8,30	113
	ZHL325	3 x 2,5	10,00	170
	ZHL815	18 x 1,5	14,80	461
	ZHL825	18 x 2,5	18,00	683

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