

# EIB/KNX

Quad Cable LSZH FireFighter® IEC60332-3-25  
<KNX Certified 330/11612/14>



## Application

EIB Cable Low Smoke Zero Halogen FireFighter® for building system technology to control lighting, heating, air-conditioning, ventilation, energy management, blinds, time management and locking systems. Not to be layed in ground

## Cable Design

### Wire

Conductor	Solid bare copper wire. Ø 0,785 mm
Insulation	PE - Polyethylene. Ø 1,33 mm

### Formation

Tape	4 wires twisted to a quad (Red, Yellow, White, Black) plastic tape overlapped
Drain Wire	Solid bare copper wire. Ø 0,35 mm
Screen	Alulamine foil overlapped. 100% coverage

### Outer Jacket

Diameter	LSZH FireFighter®, Green or White
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Ø 6,20 mm ± 10%

## Specification

Part Number	Type
2101Q08S44	Green EIB/KNX Cable for Permanent Installation. LSZH Fire-Fighter® Certified #330/11612/14
2101Q08S44-10	White EIB/KNX Cable for Permanent Installation. LSZH Fire-Fighter® Certified #330/11612/14



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## Electrical Data @ 20°C

Loop resistance (max.)	73,20	Ohm/km
Insulation resistance (min.)	100	MOhm*km
Operating Capacity (max.)	100	nF/m
k1 : Capacitance unbalance (max.)	200	pF/100m
Test Voltage : core-shield	4	kV 50 Hz 1min.
Peak Operating Voltage	300	V

## Mechanical & Thermal Characteristics

Flame retardant	acc. to IEC 60332-1-2 / IEC 60332-3-25	
Smoke Density	acc. to IEC 61034	
Halogen Free	acc. to IEC 60754-1/2	
Temperature Range	during installation :	-5°C up to +50°C
	static :	-30°C up to +70°C
Weight (approx.)	64	kg/km

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