

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

Cable Design

Wire

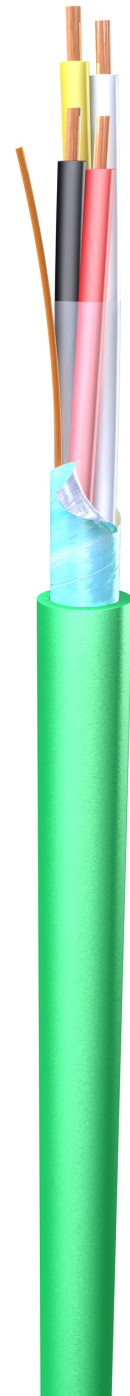
Conductor	Solid bare copper wire. Ø 0,80 mm
Insulation	Polyvinylchloride (PVC). Ø 1,60 mm

Formation

Tape	4 wires twisted to a quad (Red, Yellow, White, Black) plastic tape overlapped
Drain Wire	Solid bare copper wire. Ø 0,40 mm
Screen	Alulaminare foil overlapped. 100% coverage

Outer Jacket

Diameter	LSZH FireFighter®, Green or White Ø 6,10 mm
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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.

Specification

Part Number	Type
2101Q08S44	Green EIB/KNX Cable for Permanent Installation. LSZH FireFighter® 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	
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