

EIB/KNX

1 Pair LSZH FireFighter® IEC60332-3-25
<KNX Certified 330/11612/14>



Application

EIB Single Pair 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 0,80 mm
Insulation PE - Polyethylene. Ø 1,40 mm

Formation

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

Outer Jacket

LSZH FireFighter®, Green
Diameter Ø 5,30 ± 0,3 mm



Specification

Part Number	Type
2101P08S44	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/km
Capacitance unbalance 800 Hz (max.)	300	pF/100m
Test Voltage : core-shield	4	kV 50 Hz 1min.
Peak Operating Voltage	300	V rms

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	
Pulling Tension	40 N (max.)	
Bending Radius	55 mm (min.)	
Temperature Range	during installation :	-5°C up to +50°C
	static :	-25°C up to +70°C
Weight (approx.)	39	kg/km

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