

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
----------	-----------------------------------

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



EIB/KNX

Quad Cable LSZH FireFighter® IEC60332-3-25

<KNX Certified 330/11612/14>

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

Belcom Cables Ltd. ("Belcom") reserves the right to make changes to the product described in this specification without prior notice. Belcom does not assume any liability which may occur due to the use of the specification described herein. Drawings are not to scale unless otherwise specified and are provided for general and informational purposes only. All values represented in this specification should be used as a guide only and exact product details can be confirmed at point of enquiry.