

EIB/KNX 1 Pair LSZH FireFighter® Certified #330/11612/14

Cable Design *2x0,8mm*

Conductor	Solid bare copper wire
Diameter	Ø 0,80 mm
Insulation	LSZH FireFighter®
Diameter	Ø 1,60 mm
Formation	2 wires twisted to a pair
Pair identification	Red, Black
Tape	plastic tape overlapped
Drain Wire	Solid bare copper wire
Diameter	Ø 0,40 mm
Screen	Alulaminare foil overlapped
Coverage	100%
Outer Jacket	LSZH FireFighter®, Green
Diameter	Ø 5,60 mm



Application

EIB Single Pair Cable LSZH 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.

Electrical Data @ 20° C

Loop resistance (max.)	73,20	Ohm/km
Insulation resistance (min.)	100	MOhm*km
Operating Capacity 800 Hz (max.)	100	nF/m
Capacitance unbalance 800 Hz (max.)	300	pF/100m
Peak Operating Voltage	300	V rms

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
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

Specification

Part Number	Type
2101P08S44	EIB/KNX Cable for Permanent Installation. LSZH FireFighter® Certified #330/11612/14