



## Product code **KN01208**

EIB, 2 Pair, 4 Conductor, 0.8mm, Solid Bare Copper, PE Insulation, OS, LSNH/FRNC Jacket, Eca

### Product Description

KNX/EIB, 2 Pair, 4 Conductor, 0.8mm, Solid Bare Copper, PE Insulation, OS, LSNH/FRNC Jacket, Eca

### TECHNICAL SPECIFICATION

**Suitable Application** KNX/EIB cable for building management

#### Conductor

Conductor Count	4
Total Number of Pairs	2
Cross Section:	0.5 mm <sup>2</sup>
Stranding	Solid
Nominal Diameter (mm)	0.8
Material	Bare Copper

#### Insulation

Material	PE - Polyethylene
Nominal Diameter (mm)	1.6±0.05
Nominal Wall Thickness (mm)	0.4

#### Outer Shield

Type	Tape
Material	BI-Laminate (Alum+Poly)
Coverage	100%
Drain Wire Material	TC- Tinned Copper
Drain Wire Diameter (mm)	0.4
Thickness of Foil	9 µm

#### Outer Jacket

Material	LSZH- Low Smoke Zero Halogen
Nominal Diameter (mm)	6.3
Diameter +/- Tolerance (mm)	0.3
Nominal Wall Thickness (mm)	1.4

#### Cabling

**Description** 1 Quad covered with Polyester Foil

#### Color Chart

Number	Quad 1
Colour	White & Red, Yellow & Black

### ELECTRICAL CHARACTERISTICS

#### Electrical

Max Con DCR	37.5 Ohm/km
Nominal Capacitance Con to Con	50 pF/m
Elec Characteristic Notes	Test Voltages 4 KV, 1 Min
Voltage Rating [V]	300V

### MECHANICAL CHARACTERISTICS

Storage Temperature Range	-30°C to +70°C
Operating Temperature Ranges	-20°C to +70°C
Min Bend Radius During Installation (mm)	31.5
Min Setting Radius (mm)	63

### STANDARDS & COMPLIANCE

CPR Euroclass: Eca

IEC Flammability: IEC 60332-1-2

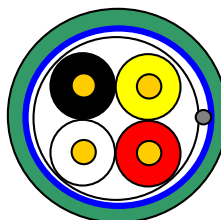
IEC 60754-1- Halogen Amount - Zero

IEC 60754-2- Halogen Acid Gas Amount-Max Conductivity: 2.5 µS/mm

Environmental Space: Indoor Euroclass Eca

Update & Revision: Revision No. 4 12-06-2023

### CONSTRUCTION



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