



Product code **KN00108**

EIB, 1 Pair, 2 Conductor, 0.8mm, Solid Bare Copper, PE Insulation, OS, PVC Jacket, Eca

Product Description

KNX/EIB, 1 Pair, 2 Conductor, 0.8mm, Solid Bare Copper, PE Insulation, OS, PVC Jacket, Eca

TECHNICAL SPECIFICATION

Suitable Application KNX/EIB cable for building management

Conductor

Conductor Count	2
Total Number of Pairs	1
Cross Section:	0.5 mm ²
Stranding	Solid
Nominal Diameter (mm)	0.8
Material	Bare Copper

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

Cabling

Description 1 Pair covered with Polyester Foil

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

STANDARDS & COMPLIANCE

CPR Euroclass: Eca

IEC Flammability: IEC 60332-1-2

Environmental Space: Indoor Euroclass Eca

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

Insulation

Material	PE - Polyethylene
Nominal Diameter (mm)	1.4±0.05
Nominal Wall Thickness (mm)	0.3

Outer Jacket

Material	PVC-Polyvinyl Chloride
Nominal Diameter (mm)	5.5
Diameter +/- Tolerance (mm)	0.3
Nominal Wall Thickness (mm)	1.2

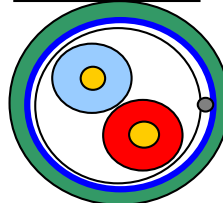
Color Chart

Number	Pair 1
Colour	Red & Blue

MECHANICAL CHARACTERISTICS

Storage Temperature Range	-30°C to +70°C
Operating Temperature Ranges	-20°C to +70°C
Min Bend Radius During Installation (mm)	55
Min Setting Radius (mm)	27.5

CONSTRUCTION



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