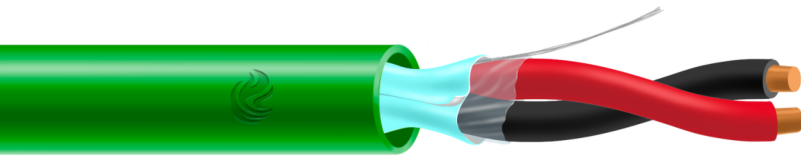




TINMAR INVER

CE

- ✉ info@tinmarinver.com
- 🌐 www.tinmarinver.com
- 📍 C/ De la Farigola, 12
08755 Castellbisbal
(Barcelona) SPAIN



BUS KNX/EIB DATASHEET (AS)

Description:

Cable for use in KNX / EIB (European Installation Bus) systems. Its LSZH (Low Smoke Zero Halogen) jacket makes it suitable for home automation installations, allowing the control and operation of heating, lighting, and air conditioning systems, among others. These systems can align with external climate conditions or be adjusted via an interface to preset levels. Not suitable for underground installations.

CPR: Eca -s1b, a2, d2

Reference Numbers:

002-1510200 2x0.8 mm

Standards and Compliance:

UNE EN 50575
UNE EN 50257-2-1
UNE EN 60332-2-1
UNE EN 50267-2-3
UNE EN 61034
UNE EN 50266-2-4
RoHS Compliant



PHYSICAL CHARACTERISTICS:

Conductor: Class 1 Solid Bare Copper (IEC 60228)

- **Diameter:** 0.8 mm

Insulation: Low Capacitance Polyethylene

- **Color:** Red, Black; White, Yellow

Twist Rate: Twisted Pair ≥ 25 twists/m

Shield: Aluminum Mylar Tape

Drain Wire: Stranded Tinned Copper

Jacket: LSZH Polyolefin

- **Color:** May Green (RAL 6017)

Overall Diameter: 6.4 mm

ELECTRICAL CHARACTERISTICS:

Capacitance: 100 pF/m

Characteristic Impedance: $90 \Omega \pm 10\%$

Operating Voltage: 300V/500V

Operating Temperature: $-15^{\circ}\text{C}/+90^{\circ}\text{C}$

Conductor Resistance: $<7.9 \Omega/\text{Km}$

Insulation Resistance: $100 \text{ M}\Omega/\text{Km}$

Test Voltage: 2500V

