TINMAR INVER

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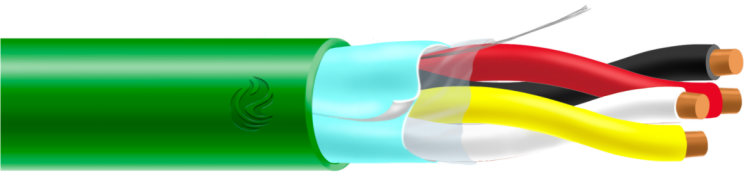

CPR: Eca -s1b, a2, d2

Reference Numbers:

002-1510220 2x2x0.8 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

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.

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: 8.2 mm

ELECTRICAL CHARACTERISTICS:

Capacitance: 100 pF/m
Characteristic Impedance: 90 Ω ±10%
Operating Voltage: 300V/500V
Operating Temperature: -15ºC/+90ºC
Conductor Resistance: <7.9 Ω/Km
Insulation Resistance: 100 MΩ/Km
Test Voltage: 2500V

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