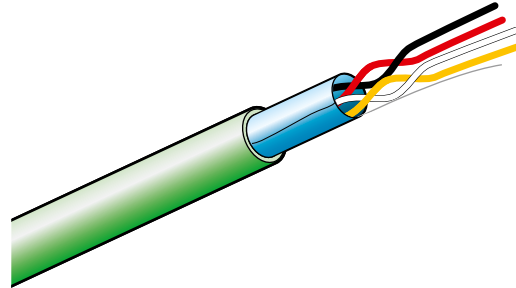

0 492 91

0 492 92

1. USE

Single/dual twisted pair conductors KNX cable (red-black and red-black + white-yellow).

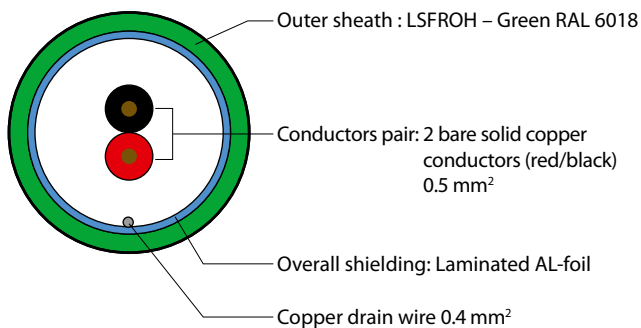
To be used to connect KNX compatible devices.

It can be laid beside the 230 V power cables and it suitable for surface or flush mounting, to be laid in trunkings, in dry environment or at open air but protected from direct sun radiation.

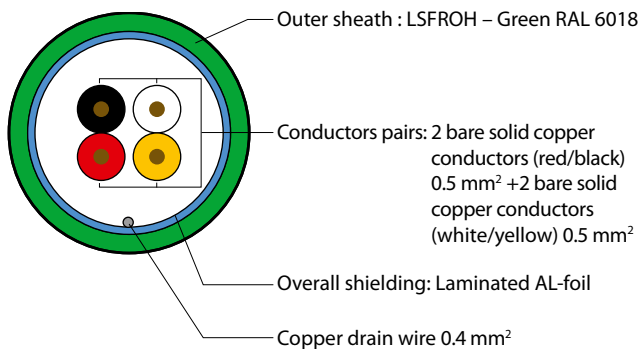
Test voltage: 4kV, diameter: 6,1 mm. Length (in m): 500.

2. DESCRIPTION

0 492 91



0 492 92



3. TECHNICAL CHARACTERISTICS

- Copper wire - Bare 0,5 mm² - Ø 0,80 mm
- Maximum loop DC resistance: 73,2 Ohm/km
- Maximum mutual capacitance at 800 Hz: 100 nF/km
- Inductance: 0,65 mH/km
- DC: Maximum operating voltage: 800 V
- AC: Testvoltage (5 min.): 2 500 V
Testvoltage (1 min.): 4 000 V
- Operating temperature : - 25°C ... 70°C
- Insulation: PE - Ø 1,6 mm
- Insulation resistance (at 500 V, 1 min): 10 GOhm/Km
- Number of pairs: - 1 (Cat. No. **0 492 91**)
- 2 (Cat. No. **0 492 92**)
- Conductor identification: - red/black (Cat. No. **0 492 91**)
- red/black + white/yellow (Cat. No. **0 492 92**)
- Wrapping: 1x PET foil.
- Overall shielding: Laminated AL-foil + Copper drain wire 0,4 mm²
- Outer diameter: - 5,5 mm² (Cat. No. **0 492 91**)
- 7,7 mm² (Cat. No. **0 492 92**)
- Outer sheath: LSFROH – Green RAL 6018 (zero halogen)

4. NORMS AND STANDARDS

- Cable marking: - LEGRAND EIB BUS CABLE LSFROH 1 x 2/0.8, Week, Year, Number & Meter Marking (Cat. No. **0 492 91**)
- LEGRAND EIB BUS CABLE LSFROH 2 x 2/0.8, Week, Year, Number & Meter Marking (Cat. No. **0 492 92**)
- Norms: IEC 61034-2, IEC 60754-1/2