**E-BUS 2x2x0,8**

**Intended use of the product**

The E-bus cable is used for the transmission of bus signals for intelligent systems in buildings.

**Construction**

- Conductor red copper Ø 0,8mm RE
- Insulation TI1 (YI1) PVC to core Ø 1.6 mm according ČSN EN 50363-3, 92±2 ShA
- Cores twisted to quad with about 80 mm lay
- Colour coding red RAL 3000, black RAL 9005, white RAL 9003, yellow RAL 1021
- PET binder tape 23 µm
- Earth tinned copper 2 x Ø 0,4 mm
- Overall screen of AL/PET 9/15 µm tape wrapped with overlap
- Sheath PVC TM1 (YM1), d = 1,0 mm ±0,2; according ČSN EN 50363-3, 92 ShA ±2 ShA
- Colour of sheath green similar to RAL 6018

**Fire behavior:**
Fire retardant acc. EN 60332-1-2

**Electrical data:**

- Operating voltage ............................................................... Veff: 300
- Test voltage core/core .......................................................... V: 800
- Test voltage core/screen ....................................................... V: 4000
- Conductor resistance (loop) .................................................. Ω/km: 73
- Nominal capacitance at 800 Hz ............................................. nF/km: 100

- Temperature range ................................................................. °C: -25 to +70
- Temperature range during laying ........................................... °C: -5 to +50