## Bus cable EIB/KNX





**Application**: Due to the increased test voltage and the special marking the cable is designed as bus cable in the EIB/KNX facility control system according to EN 50090. For the Instabus itself is used only the red/black pair (transmission of 24 V supply voltage plus data packages), the second pair (white/yellow) is redundant. The cable may be installed on or under plaster, in ducts and installation channels in dry or wet rooms.

## Construction and technical data:

Conductor material:copper, bareConductor construction:Class 1 = solid

Insulation: PVC TI1
Stranding unit: pair

**Stranding:** Layers

Screen: plastic coated aluminium foil + solid copper drain wire

Sheathing material: PVC YM1

Flame-retardant: VDE 0482-332-1-2/IEC 60332-1-2

**Halogen-free**: no

Permitted outer cable temperature, fixed, °C: -30 - +70 °C

Bending radius, fixed installation:  $15 \times \emptyset$ 

**Specific inductivity:** 0.68 mH/km













The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

## FABER® EIB

Loop resistance: 73.2 Ohm/km

Maximum operating capacity: 120 nF/km

Test voltage: 4 kV

**Core identification:** colours acc. to VDE 0815

peak operating voltage, V: 250 V

part	part name	DI	Ø	Cu	G
no.		[mm]	[mm]		[kg]
101010	2X2X0.8 GN	0.8	6.3	21	55

part no.	part name	DI [mm]	Ø [mm]	Cu	G [kg]
101011	4X2X0.8 GN	0.8	8.8	41	92

DI	diameter conductor
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000