



<b>conductor material:</b>	bare copper	
<b>conductor construction:</b>	solid, class 1	
<b>insulation:</b>	PVC TI1	
<b>stranding unit:</b>	pair	
<b>stranding:</b>	layers	
<b>sheathing material:</b>	PVC TM1	
<b>flame retardant:</b>	VDE 0482-332-1-2/IEC 60332-1	
<b>max. operating temperature,</b>	-30 - +70 °C	
<b>fixed:</b>		
<b>specific inductivity:</b>	680 mH/km	
<b>operating capacity:</b>	100 nF/km	100 nF/km
<b>loop resistance:</b>	73,2 Ohm/km	73,2 Ohm/km
<b>nominal voltage U:</b>	300 V	300 V
<b>test voltage:</b>	2 kV	2 kV
<b>core identification:</b>	colours acc. VDE 0815	colours acc. VDE 0815

**Application:** Due to the increased test voltage and the special marking the cable is desined 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.



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.

Table: Technical characteristics

p/n	part name	D <sub>I</sub> [mm]	D <sub>A</sub> [mm]	Cu [kg/km]	G [kg]
101010	FACAB EIB-Busleitung 02X2X0,8 GN	0,8	6,3	21	55
101011	FACAB EIB-Busleitung 04X2X0,8 GN	0,8	8,8	41	92

Table: Technical characteristics

p/n	part name	D <sub>I</sub> [mm]	D <sub>A</sub> [mm]	Cu [kg/km]	G [kg]
101049	FACAB EIB-Busleitung halogenfrei 02X2X0,8 GN	0,8	6,3	21	55

DI	diameter of conductor
DA	outer diameter
Cu	copper
G	weight