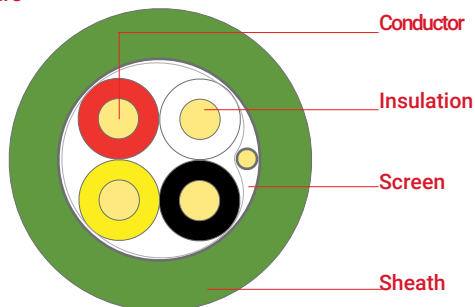




Cable structure



Electrolytic copper wire

HFFR, in compliance with DIN VDE 0815 insulation colour coding
70°C EN 50290-2-26

Pet tape min. 100% coverage
Tinned copper drain wire
Al-Pet tape min. 100% coverage

HFFR - RAL6018 Green
70°C, EN 50290-2-27

Application

Used in smart building systems as an EIB instabus communication cable. The cable is protected against ambient electromagnetic interference by its static screen. Used in KNX-compatible home and building electronic systems (HBES) providing automated central or remote control of fixed interior installations for heating, cooling and ventilation in dry or wet areas, lighting, motorised curtains and blinds, audio, video, CCTV, fire detection, security and intercom installations.

Specifications

Temperature range		-20°C ...+70°C
Bending radius	min.	10 x D
Loop resistance	max.	73.2 Ω/km
Insulation resistance	min.	100 MΩ x km
Capacitance	nom.	100 nF/km
Capacity imbalance	max.	300 pF/100 m
Test voltage		800 V
Operating voltage	max.	300 V

Standards DIN VDE 0815

Fire performance

Vertical flame propagation EN 60332-1-2
Corrosive gas EN 60754-1/2
Smoke density EN 61034-2

EU declaration of conformity

LVD	Low Voltage Directive	2014/35/EU
RoHS	Restriction of Hazardous Substances	2011/65/EU

Product code	Cable structure	Diameter [mm]	Copper weight [kg/km]	Cable weight [kg/km]	Sheath colour	Packaging [m]
501004	EIB BUS LSZH 2x2x0.80 mm	6.30	20	54	Green (RAL 6017)	500/1000

Specifications may vary depending on technical modifications.