Description: **UNITRONIC BUS EIB - KNX_**
Lapp code: Lapp 2170242

The **Test voltage** of the cable Lapp 2170242 is Core/core: 4000 V.

Application range

- The product is designed for use in building management, e.g. for decentralised control of lighting, heating, air-conditioning, ventilation, energy management, blinds, time management, locking systems etc.
- The cable can be laid on or under plaster; in pipes, cable ducts; in dry, damp or wet environments.
- EIB installation mainly consists of sensors/command-transmitters (e.g. light barriers, switches, thermostats, infrared, wind meters, timers), and actuators (e.g. engines, heaters, ventilators, lights, blinds).
- KNX technology was formed from the merging of three established European bus standards: EIP, EHS (household appliances and consumer electronics) and Batibus (heating/ventilation/air conditioning)

Product Make-up

- Screened installation cable based on type J-Y(ST)Y according to DIN VDE 0815, solid bare copper conductor, ø 0.8 mm, measurements 2 x 2 x 0.8 ø. 4 solid cores twisted to a star quad; colours of cores: 1st pair red + black, 2nd pair white + yellow.
- Screening: wrapped with aluminium-laminated plastic foil
- PVC-based outer sheath
- Colour: green
- COMBI version with additional power supply cables 3 x 1.5 mm²; core colours: blue, black, green-yellow

In our Cable list on next page you can find all interesting information acc. article Lapp 2170242 and much more.

CABLE LIST - all informations you need you can find here

Product Name	Lapp Nr.	Article designation	Number of pairs and mm or mm² per conductor	Outer diameter (mm)	Copper index (kg/km)	Weight (kg/m)
PVC versions						
UNITRONIC BUS EIB / KNX	Lapp 2170240	UNITRONIC® BUS EIB	2 x 2 x 0,8	6.6	21.0	54
UNITRONIC BUS EIB / KNX	Lapp 2170242	UNITRONIC® BUS EIB COMBI	2 x 2 x 0,8 mm + 3 x 1,5 mm²	12.7	64.0	128
Halogen-free versions						
UNITRONIC BUS EIB / KNX	Lapp 2170241	UNITRONIC® BUS EIB H	2 x 2 x 0,8	6.6	21.0	54