

J-Y(St)Y EIB/KNX



Application

The bus cable is used for the transmission of bus signals for intelligent systems in buildings. The cables ensure perfect communication in accordance with EIB regulations (European installation bus). They can be layed over, in, or below the plaster, in pipes and pipe ducts, in dry, moist, and wet areas, as well as outside, provided they are protected against direct exposure to the sun. Wiring together with high-power supply cables is possible without limitation. The EIB bus can be used to control lighting, blinds, heating, ventilation, indicator boards, etc.

The materials used are free from silicon and cadmium and free from varnish damaging sustances.

Standards

EIB/KNX-standard,
EN 60332-1-2 ; EN 50399 ; EN 50575
EN 13501-6 class Cca-s3 d2 a3

Construction

Inner Conductor bare copper conductor, solid 0,8 mm

Core Insulation pecial polyvinylchlorid compound (PVC)

Core Color wh, ye, rd, bk

Stranding Elements star quad

Shielding polyester foil over stranded bundle

Overall Shielding plastic coated aluminium tape with drain wire

Outer Insulation Material special PVC

Application

The bus cable is used for the transmission of bus signals for intelligent systems in buildings. The cables ensure perfect communication in accordance with EIB regulations (European installation bus). They can be layed over, in, or below the plaster, in pipes and pipe ducts, in dry, moist, and wet areas, as well as outside, provided they are protected against direct exposure to the sun. Wiring together with high-power supply cables is possible without limitation. The EIB bus can be used to control lighting, blinds, heating, ventilation, indicator boards, etc.

The materials used are free from silicon and cadmium and free from varnish damaging sustances.

Standards

EIB/KNX-standard,
EN 60332-1-2 ; EN 50399 ; EN 50575
EN 13501-6 class Cca-s3 d2 a3

Construction

Inner Conductor bare copper conductor, solid 0,8 mm

Core Insulation pecial polyvinylchlorid compound (PVC)

Core Color wh, ye, rd, bk

Stranding Elements star quad

Shielding polyester foil over stranded bundle

Overall Shielding plastic coated aluminium tape with drain wire

Outer Insulation Material special PVC

Technical Data

Nominal Voltage	U ₀ /U: 250 /250 V
Nominal Volatage DC	U ₀ /U: 0 /0
Test Voltage	4000 V
Bending Radius moved (xD)	10
Bending Radius fixed (xD)	5
Operating Temperature solid	-30 °C bis 70 °C
Operating Temperature moving	0 °C bis 0 °C

Technical Data

Nominal Voltage	U ₀ /U: 250 /250 V
Nominal Volatage DC	U ₀ /U: 0 /0
Test Voltage	4000 V
Bending Radius moved (xD)	10
Bending Radius fixed (xD)	5
Operating Temperature solid	-30 °C to 70 °C
Operating Temperature moving	0 °C to 0 °C

Prod. Nr. Prod. Nr.	Option Option	Dimensions Dimensions	Color Color	Weight (kg/km) Weight (kg/km)	Outer-Diameter (mm) Outer-Diameter (mm)
03207002		2 x 2 x 0,8	green - green	76.0	6.0
03207004		2 x 2 x 0,8	violet - violet	76.0	6.0
03207001		2 x 2 x 0,8	grey - grey	76.0	6.0
03207007	Erdverlegung	2 x 2 x 0,8	black - black	75.0	8.8
03207005		4 x 2 x 0,8	green - green	92.0	8.8