



**Part Number:** YE00820

**CLASSIC ORIGINAL CLASSIC**

### Product Description

EIB cable 4x0.8B PVC FS PVC

### Technical Specifications

#### Use

Suitable Applications:	EIB cable for building management
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#### Physical Characteristics (Overall)

#### Conductor

Stranding	Material	Cross Section	Nominal Diameter	No. of Conductors
Solid	Bare copper	0.5 mm <sup>2</sup>	0.8 mm	4

Total Number of Conductors:	4
Total Number of Pairs:	2

#### Insulation

Material	Nominal Diameter	Diameter +/- Tolerance	Nominal Wall Thickness
PVC - Polyvinyl Chloride	1.4 mm	0.05 mm	0.3 mm in

#### Color Chart

Number	Color
Quad 1	White & Red & Yellow & Black

#### Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Thickness of Foil	Drainwire Material	Drainwire Diameter
Tape	Aluminum/Polyester Foil	Beldfoil®	100 %	9 µm	Tinned copper	0.4 mm

#### Outer Jacket Material

Material	Color	Nominal Diameter	Diameter - Tolerance	Nominal Wall Thickness
PVC	Green (RAL 6017)	6.1 mm	0.3 mm	1.2 mm

#### Electrical Characteristics

#### Capacitance

Nom. Capacitance Conductor to Conductor
50 pF/m

#### Construction and Dimensions

#### Conductor DCR

Max. Conductor DCR
37.5 Ohm/km

#### Applicable Standards & Environmental Programs

CPR Euroclass:	Eca
Other Specification:	KNX REG 109/7253/05

### Flame Test

ISO/IEC Flammability:	IEC 60332-1-2
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### Mechanical Characteristics

Storage Temp Range:	-30°C to +70°C
Operating Temp Range:	-20°C To +70°C
Min Bend Radius During Installation:	30.5 mm

### History

Revision Number:	3
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### Variants

Item #	Color
YE00820.00100	GREEN
YE00820.001000	GREEN
YE00820.00500	GREEN
YE00820.001525	GREEN

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