



**Part Number: YE00820**  
**CLASSIC ORIGINAL CLASSIC**

**Product Description**

EIB cable 4x0.8B PVC FS PVC

**Technical Specifications**

**Product Overview**

Environmental Space:	Indoor - Euroclass Eca
Suitable Applications:	EIB cable for building management

**Physical Characteristics (Overall)**

**Conductor**

Stranding	Material	Cross Section	Nominal Diameter	No. of Conductors
Solid	BC - Bare Copper	0.5 mm <sup>2</sup>	0.8 mm	4
Conductor Count:				4
Total Number of Pairs:				2
Conductor Size:				0.50 mm <sup>2</sup>

**Insulation**

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

**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	Beldfoil®	100 %	9 µm	TC - Tinned Copper	0.4 mm

**Outer Jacket Material**

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

**Construction and Dimensions**

**Cabling**

Description
1 quad covered with a polyester foil

**Electrical Characteristics**

**Conductor DCR**

Max. Conductor DCR
37.5 Ohm/km

**Capacitance**

<b>Nom. Capacitance Conductor to Conductor</b>
50 pF/m

## Temperature Range

Storage Temp Range:	-30°C to +70°C
Operating Temp Range:	-20°C To +70°C

## Mechanical Characteristics

Min Bend Radius During Installation:	30.5 mm
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## Standards

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

## Applicable Environmental and Other Programs

EU RoHS Compliance Date (yyyy-mm-dd):	2005-01-01
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## Flammability, LSOH, Toxicity Testing

ISO/IEC Flammability:	IEC 60332-1-2
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## Part Number

### Variants

Item #	Color	Length
YE00820.00100	Green	100 m
YE00820.001000	Green	1,000 m
YE00820.00500	Green	500 m
YE00820.K01000	Green	1,000 m
YE00820.001525	Green	1,525 m
YE00820.K0100	Green	100 m
YE00820.K01525	Green	1,525 m
YE00820.K0500	Green	500 m
YE00820=00100	Green	100 m
YE00820=001000	Green	1,000 m
YE00820=001525	Green	1,525 m
YE00820=00500	Green	500 m
YE00820=K0100	Green	100 m
YE00820=K01000	Green	1,000 m
YE00820=K01525	Green	1,525 m
YE00820=K0500	Green	500 m

## History

Revision Number:	3
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