



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 ²	0.8 mm	4

Conductor Count:	4
Total Number of Pairs:	2
Conductor Size:	0.50 mm ²

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

Nom. Capacitance Conductor to Conductor

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
YE00820.00100	Green
YE00820.001000	Green
YE00820.00500	Green
YE00820.001525	Green

History

Revision Number:	3
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