

Part Number: YE00906

IDS LSZH

Request Sample

Product Description

0.8 mm solid copper, PE insulation, Beldfoil, FRNC sheath

Technical Specifications

Product Overview

Environmental Space:	Indoor - Euroclass Eca
Suitable Applications:	EIB cable for building management; KNX REG NR. 109/7254/05

Physical Characteristics (Overall)

Conductor

Stranding	Material	Cross Section	Nominal Diameter	No. of Conductors	No. of Pairs
Solid	BC - Bare Copper	0.5 mm²	0.8 mm	4	2

Conductor Count:	4
Total Number of Pairs:	2

Insulation

Material	Nominal Diameter	Diameter +/- Tolerance	Nominal Wall Thickness
Polyethylene	1.6 mm	0.05 mm	0.4 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
LSZH - Low Smoke Zero Halogen	Green (RAL 6017)	6.3 mm	0.3 mm	1.4 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

Voltage

Voltage Rating [V]
300 V

Electrical Characteristics Notes:	Testvoltage 4 kV, 1 min

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:	31.5 mm
Min Setting Radius:	63 mm

Standards

CPR Euroclass:	Eca
Other Specification:	KNX REG 109/7254/05

Applicable Environmental and Other Programs

EU RoHS Compliance Date (yyyy-mm-dd):	1998-01-01

Flammability, LS0H, Toxicity Testing

ISO/IEC Flammability:	IEC 60332-1-2
Amount of Halogen acc. to IEC 60754-1 & EN50267-1:	Zero

Part Number

Variants

Item #	Color
YE00906.00100	Green
YE00906.001000	Green
YE00906.00500	Green

History

Revision Number:	5

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