



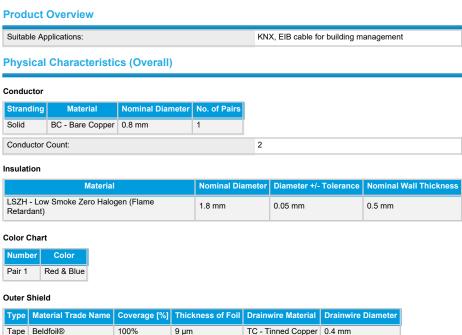
Product: 77905ELV ☑

KNX, 1PR 0.8mm Sol BC, LSZH ins, OS, LSZH Jkt, B2ca

Product Description

KNX, 1 Pair, 0.8 mm cond diameter, Bare Copper - Solid, LSZH insulation, Overall Beldfoil® shielding, LSZH / FRNC jacket, CPR B2ca

Technical Specifications



Type	Material Trade Name	Coverage [%]	Thickness of Foil	Drainwire Material	Drainwire Diameter
Tape	Beldfoil®	100%	9 μm	TC - Tinned Copper	0.4 mm

Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness
LSZH - Low Smoke Zero Halogen (Flame Retardant)	6.6 mm	1.4 mm

Construction and Dimensions

Cabling

Description 1 pair covered with a PP foam foil

Electrical Characteristics

Conductor DCR

Max. Conductor DCR 37.5 Ohm/km

Capacitance

Nom. Capacitance Conductor to Conductor 70 pF/m

Voltage



Temperature Range

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

Mechanical Characteristics

Min. Bend Radius During Installation:	66 mm
Min Setting Radius:	33 mm

Standards

CPR Euroclass:	B2ca-s1.d1.a1	

Applicable Environmental and Other Programs

Environmental Space:	Indoor - Euroclass B2ca	

Flammability, LS0H, Toxicity Testing

IEC Flammability:	IEC 60332-1-2
IEC 60754-1 - Halogen Amount:	Zero
IEC 60754-2 - Halogen Acid Gas Amount - Max. Conductivity:	2.5 μS/mm
IEC 60754-2 - Halogen Acid Gas Amount - Min. pH:	4.3

History

Update and Revision:	Revision Number: 0.35 Revision Date: 04-08-2022

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