

KNX 2 Pair LSHF Green Technical Datasheet

Part No: 31000502H-E00

Description: Used for lighting control, blind control, air-conditioning, heating and security systems. KNX

Certified products will communicate with each other to ensure the smooth functioning and easy

expansion of systems and creates a comfortable, efficient & safe environments.







Construction

Conductor Material : Bare Copper, (1/0.8mm)
Pair Insulation Material : Polyethylene (PE)

Number of Pairs : 2

Fillers : Cotton Thread
Overall Tape : Polyester

Drain Wire : Tinned Copper (7/0.16mm)

Overall Screen : Overall Aluminium Foil (100% Coverage)

Sheath Material : Low Smoke Halogen Free (LSHF)

Sheath Colour : Green

Core Identification : Red & Black, Yellow & White

Electrical Characteristics

Nominal Conductor Resistance : $< 38.5 \Omega/km$ Insulation Resistance : $> 200M\Omega.M$

Voltage Rating : 450/750V Applies to CE marked FSC branded stock only

Test Voltage : 2.5kV for 5 minutes

Physical Characteristics

Overall Diameter $: 6.8 \pm 0.2 \text{mm}$ Min Bend Radius $: 10 \times 0D$ Temperature Rating $: -10^{\circ}\text{C to } +70^{\circ}\text{C}$ Weight : 62 kg/km

Standards

Flame Retardant : BS EN 60332-1-2 Low Smoke Generation : BS EN 61034-2 Halogen Gas Emission : BS EN 60754-1&2

RoHS3 Compliant : Yes

 CE Compliant
 : LVD (2014/35/EU), CPR (305/2011)

 CPR Classification
 : Eca (EN50575:2014+A1:2016)

BS EN 50575
CLASS Eca
INDEPENDENTLY
VERIFIED

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