

## KNX 2 Pair LSHF White Technical Datasheet

Part No: 31000502H04-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 : White

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** 

 $\begin{array}{lll} \text{Overall Diameter} & : 6.8 \pm 0.2 \text{mm} \\ \text{Min Bend Radius} & : 10 \times \text{OD} \\ \text{Temperature Rating} & : -10^{\circ}\text{C to +70^{\circ}\text{C}} \\ \text{Weight} & : 62 \text{ kg/km} \\ \end{array}$ 

**Standards** 

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

RoHS Compliant : Yes

CE Compliant : LVD (2014/35/EU), CPR (305/2011)
CPR Classification : Eca (EN50575:2014+A1:2016)

UV and Weather Resistant : ISO 4892-3\*

:\*Applies to all Batches ST\*\*\*\*\*\* Onwards





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