

EIB 1 Quad LSHF Green Technical Datasheet

Part No: 31000501QH

Description: EIB systems allow the operation and control of heating, lighting and air conditioning

among others to be aligned with external climate conditions or adjusted by an interface to

pre-set levels.





Construction

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

Number of Pairs :

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

Electrical Characteristics

 $\begin{array}{lll} \mbox{Nominal Conductor Resistance} & : < 37.7 \ \Omega/\mbox{km} \\ \mbox{Insulation Resistance} & : > 200\mbox{M} \mbox{N} \\ \mbox{Voltage Rating} & : 300\mbox{V} \end{array}$

Test Voltage : 2.5kV for 5 minutes

Physical Characteristics

 $\begin{array}{lll} \text{Overall Diameter} & : 6.2 \text{ mm} \\ \text{Min Bend Radius} & : 10 \times \text{OD} \\ \text{Temperature Rating} & : -25^{\circ}\text{C to } +70^{\circ}\text{C} \\ \text{Weight} & : 57 \text{ Kg/Km} \\ \end{array}$

Standards

Flame Retardant : BS EN 60332-1-2
Low Smoke Generation : BS EN 61034-2
Halogen Gas Emission : BS EN 60754-1&2
CE Compliant : LVD (2014/35/EU)

RoHS2 Compliant : Yes

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