

**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 : 1  
 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

Nominal Conductor Resistance : < 37.7  $\Omega$ /km  
 Insulation Resistance : > 200M $\Omega$ .M  
 Voltage Rating : 450/750 V *Applies to CE marked FSC branded stock only*  
 Test Voltage : 2.5kV for 5 minutes

### Physical Characteristics

Overall Diameter : 6.2 mm  
 Min Bend Radius : 10 x OD  
 Temperature Rating : -25°C to +70°C  
 Weight : 57 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  
 CE Compliant : LVD (2014/35/EU)  
 RoHS2 Compliant : Yes