

**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.



Reg No. 150/8928/10

### 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 Ω/km  
 Insulation Resistance : > 200MΩ.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 ± 0.2mm  
 Min Bend Radius : 10 x OD  
 Temperature Rating : -10°C to +70°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  
 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