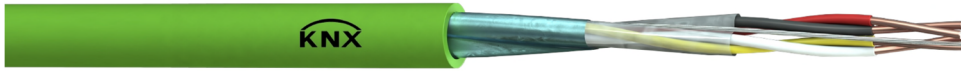


**Part No:** 31000502H-E00

**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.



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	: 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 <i>Applies to CE marked FSC branded stock only</i>
Test Voltage	: 2.5kV for 5 minutes

### Physical Characteristics

Overall Diameter	: 6.8 $\pm$ 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
RoHS3 Compliant	: Yes
CE Compliant	: LVD (2014/35/EU), CPR (305/2011)
CPR Classification	: Eca (EN50575:2014+A1:2016)