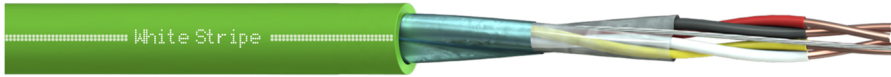


Part No: 31000502HLU

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 environment.



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	: < 37.7 Ω/km
Insulation Resistance	: > 200MΩ.M
Voltage Rating	: 300V
Test Voltage	: 2.5kV for 5 minutes

Physical Characteristics

Overall Diameter	: 6.8 mm
Min Bend Radius	: 10 x OD
Temperature Rating	: -25°C to +70°C

Standards

Fire Performance	: LU 1-085
Flame Retardant	: BS EN 60332-3-25
Low Smoke Generation	: BS EN 61034-2
Halogen Gas Emission	: BS EN 60754-1&2
CE Compliant	: LVD (2006/95/EC)
RoHS2 Compliant	: Yes

Approvals

London Underground	: 3161
KNX Certificate Number	: 150/8928/10