

**Part No:** 31000502A-F00  
**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)
1 <sup>st</sup> Inner Sheath Material	: Low Smoke Halogen Free (LSHF)
1 <sup>st</sup> Inner Sheath Colour	: Green
2 <sup>nd</sup> Inner Sheath Material	: Polyethylene (PE)
2 <sup>nd</sup> Inner Sheath Colour	: Black
Armour	: Galvanised Steel Wire Armour (SWA)
Outer Sheath Material	: Polyethylene (PE)
Outer Sheath Colour	: Black
Core Identification	: Red & Black, Yellow & White

### Electrical Characteristics

Nominal Conductor Resistance	: < 38.5 Ω/km
Insulation Resistance	: > 200MΩ.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	: 13.0 ± 0.4mm
Min Bend Radius	: 10 x OD
Temperature Rating	: -10°C to +70°C
Weight	: 300 kg/km

### Standards

RoHS3 Compliant	: Yes
UV & Weather Resistant	: ISO 4892-3
CE Compliant	: LVD (2014/35/EU)
CPR Classification	: Fca (EN50575:2014+A1:2016)