

Part No: 31000502U

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
Overall Tape	: Polyester
Drain Wire	: Tinned Copper (7/0.16mm)
Overall Screen	: Overall Aluminium Foil (100% Coverage)
Sheath Material	: CM PVC
Sheath Colour	: Green
Core Identification	: Red & Black, Yellow & White

Electrical Characteristics

Nominal Conductor Resistance	: < 36.0 Ω /km
Insulation Resistance	: > 200M Ω .M
Voltage Rating	: 450/750V
Test Voltage	: 2.5kV for 5 minutes
Impedance	: 96 $\pm$ 10 Ω
Core to Core Capacitance	: 52 $\pm$ 10 Pf/m
Core to Screen Capacitance	: 90 $\pm$ 10 Pf/m

Physical Characteristics

Overall Diameter	: 6.8 mm
Min Bend Radius	: 15 x OD
Temperature Rating	: -10°C to +70°C

Standards

Flame Retardant	: BS EN 60332-1-2 & UL444
CE Compliant	: LVD (2014/35/EU)
RoHS Compliant	: Yes
UL Certificate Number	: E545561

For enquires, contact ATC

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Stock options

500ft & 1000ft Reels