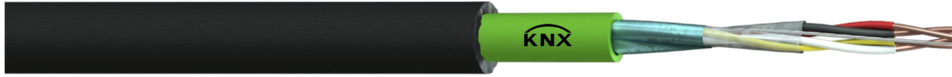**FS cables**

Part No:	31000502D-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.

truHOME
truLIGHTING

MEMBER
KNX
Reg No. 150/8928/10

UV & WEATHER RESISTANT

CONSTRUCTION PRODUCTS REGULATION
BS EN 50575
CLASS Fca
INDEPENDENTLY VERIFIED

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)
Inner Sheath Material	: Low Smoke Halogen Free (LSHF)
Inner Sheath Colour	: Green
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 *Applies to CE marked FSC branded stock only*
Test Voltage	: 2.5kV for 5 minutes

Physical Characteristics

Overall Diameter	: 9.0 ± 0.2mm
Min Bend Radius	: 10 x OD
Temperature Rating	: -10°C to +70°C
Weight	: 95 kg/km

Standards

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

| FS Cables | 01727 840 841 | sales@fscables.com | www.fscables.com |
| Shoal Export | +44 1727 849 841 | sales@shoal-export.com | www.shoal-export.com |

Part Number:	31000502D-F00
Date:	29/06/2020
Revision:	1.3
Author: GB	Checked: GB
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