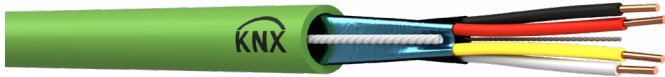


**KNX 2pair 0.8mm Screened LSNH Green**



**Part Number:** 350303C-LSNH-GRN

**Description:** KNX 2pair 0.8mm Screened Low Smoke Non-Halogen (LSNH) Green

**Product Construction**

Conductor Material	:	Bare Copper
Conductor Stranding	:	Solid, 1/0.80mm
Insulation Material	:	Polyethylene (PE)
Number of Pairs	:	2
Core Colours	:	Black, Red; Yellow, White
Drain Wire	:	Bare Copper, 1/0.80mm
Screening 1	:	Overall Aluminium Foil
Screening 1 Coverage	:	>100%
Sheath Material	:	Low Smoke Non-Halogen (LSNH)
Sheath Colour	:	Green

**Mechanical Characteristics**

Overall Diameter	:	5.6mm ± 0.35mm
Temperature Range	Fixed	: -15°C to +80°C
	Flexing	: 0°C to +70°C
Bend Radius	:	10 x Overall Diameter
Weight	:	52 kg/km

**Electrical Characteristics**

Max. Conductor DC Resistance @ 20°C	:	≤ 37.5 Ω/km
Capacitance, Data Core to Core	:	< 100 pF/m ± 10
Max. Surface Transer Impedance	:	200 MΩ/m (f <10MHz)
Insulation Resistance @ 20°C	:	≥ 200 MΩ*M
Working Voltage	:	50V
Test Voltage	:	800V

**Certifications & Standards**

Flame Retardancy	:	BS EN 60332-1-2, BS EN 60332-3-24C, CEI 20-35/1-2, CEI 20-22/3-4
Low Smoke	:	BS EN 61034-2
Halogen Gas	:	BS EN 60754-1&2
RoHS 3 Compliant	:	Yes
REACH Compliant	:	Yes
UKCA CPR Classification	:	Cca s1b, d1, a1 to BS EN 50575:2014+A1:2016



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