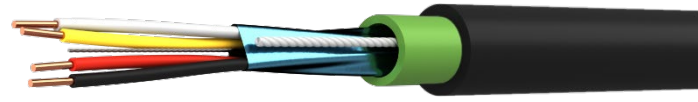


Technical Document  
KNX 2pair 0.8mm  
Screened Duct Grade Black

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Part Number: 350303F-DUCT-BLK  
Description: KNX 2pair 0.8mm Screened Duct  
Grade Black PE Sheath



**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	:	Tinned Copper, 1/0.40mm
Screening 1	:	Overall Aluminium Foil
Screening 1 Coverage	:	>100%
Fillers	:	Cotton Fillers
Sheath Material	:	Low Smoke Non-Halogen (LSNH)
Sheath Colour	:	Green
Outer Sheath Material	:	Polyethylene (PE)
Outer Sheath Colour	:	Black



**Mechanical Characteristics**

Overall Diameter	:	8.9mm ± 0.40mm
Temperature Range	Fixed	-20°C to +70°C
	Flexing	0°C to +70°C
Bend Radius	:	10 x Overall Diameter
Weight	:	65 kg/km

**Electrical Characteristics**

Inner Conductor DC Resistance	:	≤ 36.6 Ω/km
Capacitance, Data	Core to Core	52 pF/m ± 10
	Core to Screen	104 pF/m ± 20
Impedance	:	92 Ω ± 10
Insulation Resistance @ 20°C	:	≥ 200 M Ω *M
Voltage Rating	:	300/500V

**Certifications & Standards**

RoHS 3 Compliant	:	Yes
REACH Compliant	:	Yes
UKCA CPR Classification	:	Fca to BS EN 50575:2014+A1:2016

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