

TECHNICAL DATA SHEET



KNX Certified Cable, Green, Low Smoke Zero Halogen EXTRA LOW VOLTAGE – NOT FOR MAIN CONNECTION



Part number	MAS1PKNX	MAS2PKNX
Pair Count	1 Pair	2 Pair
Ref:	KNX 1x2x0.8mm LSZH Green	KNX 2x2x0.8mm LSZH Green
Conductor	Solid Bare Copper	Solid Bare Copper
Size	0.8mm Ø Solid Conductor	0.8mm Ø Solid Conductor
Insulation	Polyethylene	Polyethylene
Pair Identification	Black/Red	Black/Red , White/Yellow
Twist Rate	20 per metre	20 per metre
Collective Screen	Aluminium/Polyester foil screen & 0.14mm ² (7/0.16mm) tinned copper drain wire	Aluminium/Polyester foil screen & 0.14mm ² (7/0.16mm) tinned copper drain wire
Outer Sheath	Low Smoke Halogen Free	Low Smoke Halogen Free
Diameter mm (nominal)	5.6	6.8
Colour	Green	Green
Operating Temperature Rating °C	-40°C to +70°C	-40°C to +70°C
Weight kg/km	44	61
Mutual Capacitance pF/m Cond. To Cond	90 pF/m	90 pF/m
Conductor Resistance D.C. Ω/km @ 20°C	37.7	37.7
Insulation Resistance MΩ.M @ 20°C	200	200
Voltage Rating	250v	250v
Bending Radius	10 x O.D	10 x O.D
Flame Retardant	IEC 60332-1-2	IEC 60332-1-2
Low Smoke Generation	IEC 61034-1&2	IEC 61034-1&2
Halogen Gas Emission	IEC 60754-1&2	IEC 60754-1&2
RoHS2 compliant	Yes	Yes
Metre Marked	Yes	Yes

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