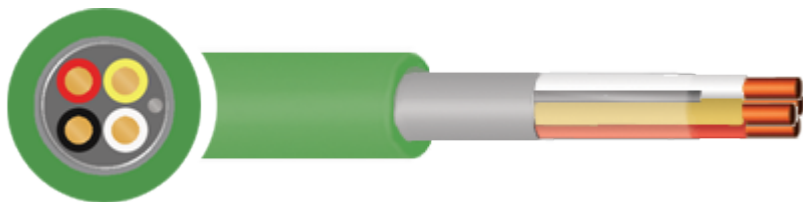


KNX Cables - Communication, Control, Air Con - PE, LSZH - 0.8mm



KNX Cable is designed for communication in building management systems and can also be used to control lighting, air conditioning, blinds, heating, audio, and white goods for the future proof control of buildings.

Key Features



Voltage Rating
300 Volts



Minimum Bending Radius
As Per Manufacturers Datasheet

Construction

- **Conductor:** Solid Copper laid in pairs or Quad
- **Filler:** Cotton Rope
- **Drain Wire:** Tinned Copper
- **Overall Tape Screen:** Aluminium/Polyester Foil
- **Sheath:** Low Smoke Zero Halogen (LSZH)
- **Sheath Colour:** Green

Standards

- IEC60332-1, ISO/IEC 14543-3, EN-13602-2002, CENELEC EN 50090, CEN EN 13321-1

Core Colours

Pair 1 - Red & Black

Pair 2 - White & Yellow

Drain - Grey

KNX Cables - Communication, Control, Air Con - PE, LSZH - 0.8mm - Dimensions

Reference	Conductor Size (mm ²)	No Of Cores	Stranding(mm)
KNX1QUADGN	0.8	1 Quad Plus Drain Wire	1X4X1/0.8
KNX2PAIRGN	0.8	2 Pair Plus Drain Wire	2X2X1/0.8
KNX1PAIRGN	0.8	1 Pair Plus Drain Wire	1X2X1/0.8

KNX EUROPEAN INDUSTRY BUS CABLES - ELECTRICAL PROPERTIES

CCCL CODE	CONDUCTOR DCR	SHIELD DCR	CONDUCTOR TO CONDUCTOR CAPACITANCE	CONDUCTOR TO SHIELD CAPACITANCE	INDUCTANCE	MAX RESISTANCE OF CONDUCTOR AT 20°C
	Ω/KM	Ω/KM	pF/M	pF/M	μH/M	Ω/KM
KNX1PAIRGN	37.40	30.5Ω/KM	100	300.00	56%	37.50
KNX2PAIRGN	37.4Ω/KM	30.5Ω/KM	100 pF/M	300 pF/M	0.557 μH/M	37.5
KNXQUADGN	37.4Ω/KM	30.5Ω/KM	100 pF/M	300 pF/M	0.557 μH/M	36.5

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.

For more information contact: 01642 241 133

