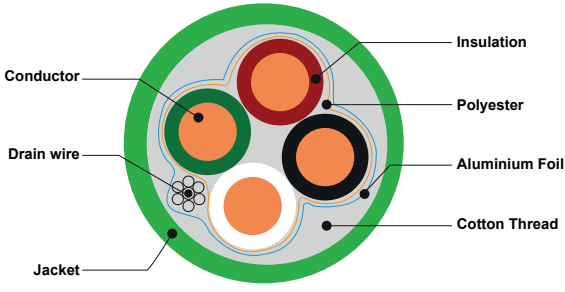


2 Pair LSHF Green Technical



NETCON KNX / EIB cable features two twisted pairs of solid conductor with a foil screen and tinned copper drain wire in a green LSZH jacket. NETCON KNX is a high quality communication cable used with variety of systems products for reliable and high speed data communications. KNX / EIB cables are widely used in Integrated Audio Video, Intercoms and Security Cameras, Home Automation, Lighting Control and Guest Room Management Systems .

DESIGN:

Conductor:
Solid Bare Copper wire

Insulation - Polythylene (PE)
Core 1: Black | Core 2: Red | Core 3 : White | Core 4: Green

Lay Up : 2 Cores twisted to a pair

Wrapping : PET Foil

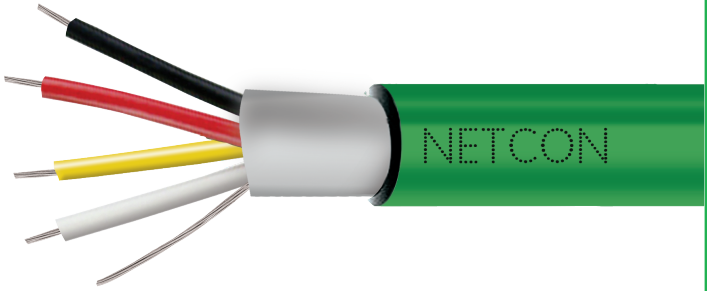
Screen: Aluminium / Polyester 100% coverage

Rip Cord: Nylon Yarn

Sheath Material: Polyvinyl Chloride (PVC), (Low Smoke Zero halogen (LSZH) or UV Resistant Polyethylene (PE)

Color: Green RAL 6018 (PVC) / (LSZH) Black (PE)

Standard Put Up Length: 305 or 500 Metres



* Other colors, Put Up Lengths and structures can be manufactured upon request.

Physical Characteristics

Part Number	NT2PKPV		NT2PKLZ	NT2PKP3
No. of Cores	2			
Lay Up	Pair			
Diameter Conductor (mm)	0.80			
Nom. Radial thickness Insulation (mm)	0.3			
Nom. Diameter Insulation (mm)	1.45			
Nom. Radial Thickness sheath (mm)	1.1			
Nom. Overall Diameter (mm)	5.5			
Sheath Material	PVC		HFFR	PE
Operating Temerature (°C)	- 25 to + 75			
Max. Pulling Tension (N)	25			
Min. Bend Radius (install) (mm)	55			
Nominal Cable Weight (kg/km)	37		39	35

EIB CABLE (KNX)



2 pair Overall Screened, PVC, LSZH & PE Sheath

Electrical Characteristics

Part Number	NT2PKPV	NT2PKLZ	NT2PKP3
Max. DC Resistance Conductor (Ω /Km)	37		
Max. DC Loop (Ω /Km)	73.5		
Max. Mutual Capacitance at 800 Hz (nF/Km)	100		
Max Capacitance Unbalance at 800 Hz (pF/100m)	300		
Inductance (μ H/m)	0.75		
Operating Volatage (Vrms)	300		

Reference Standard

EN 50290-2
IEC 60332 -1 for PVC Cable
IEC 60332 - 3-24, IEC 60754 - 1 & 2
ROHS Directives

Ordering information :

NT2PKPV	Netcon KNX Cable 2 pair, shielded cable PVC jacket.
NT2PKLZ	Netcon KNX Cable 2 pair, shielded cable LSZH jacket.
NT2PKP3	Netcon KNX Cable 2 pair, shielded cable Polyethylene jacket.