Multipair Cables

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Conductor
Insulation
Cotton Yarn
Al. Foil
Drain Wire
Sheath
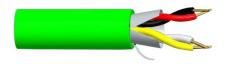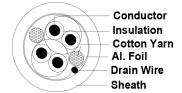
Description

20AWG Solid PACW, 2 Pairs, PE Insulation, Cotton Yarn, Al. Polyester Tape Overall Screen, 26AWG Solid TACW Drain Wire, PVC Sheath.

Application

KNX Cable is designed for communication in building management systems and can also be used to control lighting, air conditioning, blinds, heating and audio, making them ideal for stage productions or surround sound systems.

Specification

Conductor	
Material	Plain Annealed Copper Wire
Size	20AWG (0.5mmsq.)
Construction	Solid (1/0.8mm)
Insulation	
Material	PE
Nominal O.D	1.6mm
Colour	Red/Black, White/Yellow
Filler	
Material	Cotton Yarn
Screen	
Material	Al. Polyester Tape, 100% Coverage
Drain Wire	
Material	Tinned Annealed Copper Wire
Size	26AWG
Construction	Solid (1/0.4mm)
Sheath	
Material	PVC
Nominal O.D	6.8mm
Colour	Green
Physical Properties	
Min. Bend Radius	68mm
Operating Temperature	-15°C to 90°C

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Electrical Properties	
Rated Voltage	300V
Max. Conductor DC Resistance @20°C	37.5Ω/km
Nom. Capacitance @1KHz	90pF/m
Min. Insulation Resistance @20°C	200MΩkm
Voltage test : Core to Core	1kV AC/1min
Voltage test : Core to Screen	1kV AC/1min

Part Number Table

Description	Part Number
Multipair Cable, 20 AWG, 2 Pair, 100m	MP010946
Multipair Cable, 20 AWG, 2 Pair, 305m	MP010947

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