

VGBP410SH

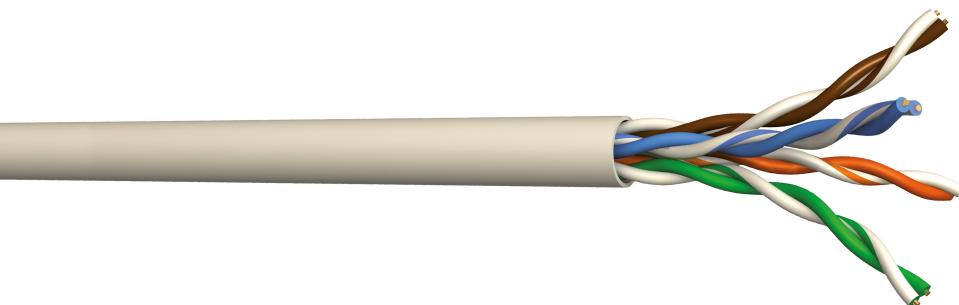
CAT5E U/UTP 1x4P LSZH PATCH CABLE
- DRUM OF 1000m



DESCRIPTION

Unshielded U/UTP cable, VGBPxSH, is used for production of patch cords or consolidation links. It forms the extension of a high-speed voice, data and video network and is an integral component of a class D linking chain.

This cable is used in digital and analog signal transmission for voice, data transmission and video links.



ADVANTAGES

- Supports IEEE802.3 / IEEE802.5 / IEEE802.12 applications
- Supports ATM 622 Mps applications



CONSTRUCTION & TECHNICAL PERFORMANCE

Product Type	VGBPxxxxSHz
Core gauge	AWG26/7
Assembly type	Pairs
Outer Sheath Material	LSZH
Color	Grey RAL 7035
Nom. diameter of the outer sheath (mm)	5,4
Ground drain presence	No
Shielding type	U/UTP
Insulation Color Code	Blue and White blue or White - Orange and White orange or White - Green and White green or White - Brown and White brown or White
Nominal insulation diameter (mm)	0,80

ELECTRICAL CHARACTERISTICS

Loop resistance	290
Minimum insulation resistance	> 5000 MΩ x km
Service Voltage (V)	<250Vdc
Linear electrical resistance (Ω/Km)	145
Mutual Capacity	< 45 pF
Capacity Imbalance	< 1600 pF/km

TRANSMISSION CHARACTERISTICS

Coupling attenuation (dB)	65
Delay skew	< 45
Unbalance resistance	< 2
Propagation speed (%)	66
Performance Category	Category 5E
Data Transmission Standard	EIA/TIA 568-C.2 Cat5E, EN 50173-1: 2011 Classe D, ISO / IEC 11801 Ed3 Class D
Characteristic Impedance (Ohms)	100
Conductor/Shield Capacitance	1,6 nF/km
Conductor/Conductor Capacitance	45 nF/km

MECHANICAL CHARACTERISTICS

Bending Radius in Fixed Installation	8 x Ø ext
Bending Radius in Mobile Installation	15 x Ø ext

ENVIRONMENTAL CHARACTERISTIC

Fire behaviour	IEC 60332-1
Smoke emission	IEC 61034-1 & -2
Gas emission	IEC60754-2
RoHS Compliance	Conforme à la directive RoHS
Component Standard	IEC 61156-6 Cat5E

ADDITIONAL INFORMATION

Product Packaging	Drum of 1000m
Weight (Kg)	0.035