



## Product Description

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- U/UTP, 23AWG solid bare copper, CAT. 6A , LSZH
- With cross filler
- Barrier tape
- PET

## Product Features

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- High performance of single cable transmission.
- Zigzag jacket design provide a excellent performance of six around one bundle transmission.
- Round and smooth jacket without twisted stripe.
- High quality of safety property.
- Sweep frequency up to 500 MHz.

## Application

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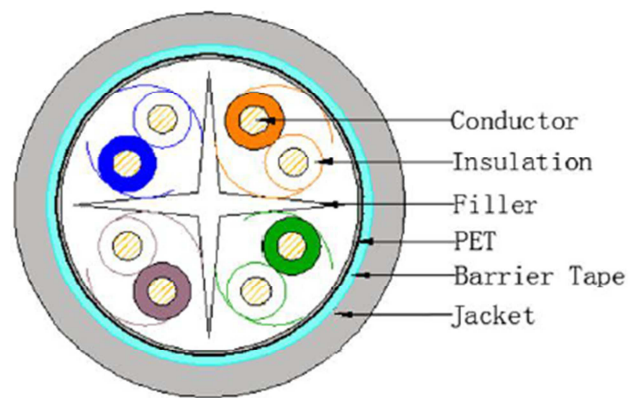
- Structure cabling for horizontal and building backbone cable .
- Transmission of digital and analog use for data, video and audio applications.
- IEEE 802.3 an 10GBASE -T and legacy speeds.
- CDDI / ATM / Token Ring
- IEEE 802.3af ( PoE) / IEEE 802.3at ( PoE+ )

## Applicable Standard

- Electrical Transmission
  - ANSI/TIA -568-C.2
  - ISO/IEC 11801
  - IEC 61156 -5
  - EN 50173-1
- Flame Test
  - IEC 60332 -1-2
  - IEC 61034 -1 / 61034-2
  - IEC 60754 -2
- Material and Construction
  - IEC 61156 -5 (Edition 2.0)

## Sectional Drawing

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# COMMUNICATION CABLE U/UTP 23AWG CAT 6A, LSZH



## Material and Construction

Conductor	Material	23AWG solid bare copper
Insulation	Material	Polyolefin (PO)
	Color code	Blue & white
		Orange & white
		Green & white
		Brown & white
Filler	Material	Polyolefin (PO)
Rip cord	Material	N.A.
Jacket	Material	Low smoke zero halogen (LSZH )
	Diameter	7.3 ± 0.3 mm
	Thickness	Average Thickness 0,5mm Min. Point Thickness(mm) 0,4mm
	Color	Blue
Marking	VCP CONNECT PLUS CATEGORY 6A NETWORK CABLE TESTED 500MHz --- LCV6ALSZHU-BL --- U/UTP 4PR 23AWG 75°C LSZH.	

## Usage & Environmental Condition

	Installation	0°C to 50°C
	Operation	-20°C to 60°C
Minimum bending radius	≥ 4 times of overall diameter	
Maximum pulling tension	≤ 110 N	

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Consulta con el director de tu zona y conoce más acerca del producto.  
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### Physical & Electrical Characteristics (at 20°C)

Impedance (ohm:Impedance (ohms)	1~100MHZ	100+/-15
	100~500MHZ	100+/-25
Max. Conductor DC Resistance 20°C (ohms/100m)		9.5
Min. Insulation Resistance(Mohm*Km)		2000
Max.Delay Skew(ns/100m)		45
Test Voltage		1KV DC for 1min
Mutual Capacitance(nf/Km)		56
Capacitance unbalance pair to ground(pf/Km)		<1600
Resistance Unbalance within a pair		2%
Separation clasification according to EN 50174-2		'C"
NVP(@10MHz)		65%
Min.Bending Radius Operation		4*OD
Min.Bending Radius Installation		8*OD
Coupling attenuation		≥40db

### Weight and dimension

Item	Dimension	Nominal net weight
Cable	305 m	19.29 kg (42.52 lb)