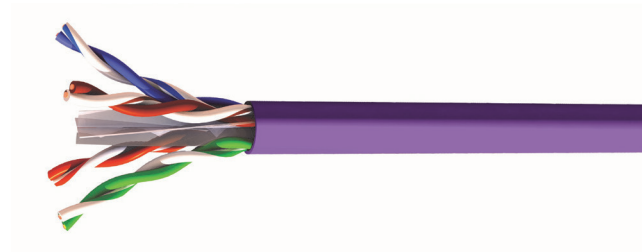
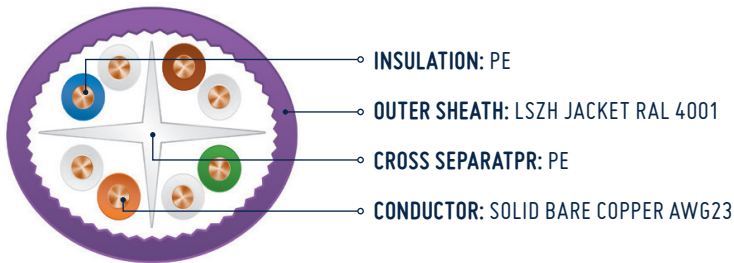


# U500LxSHy

U/UTP CAT6A 4 PAIRS CABLE 500MHZ LSZH SHEATH — LINK CERTIFIED



## DESCRIPTION

The U500L is a data cable used in unshielded structured cabling system, for horizontal or vertical (Backbone) configuration. Its performances exceed the limits required by current standards thanks to its excellent high-speed and error free transmission up to 500 Mhz. The specific internal cross and irregular internal diameter decrease the proximity effect and avoid the Ax Cross Talk phenomena.

## APPLICATIONS

- ETHERNET BASE T UP TO 10 GBITS/S
- ISDN
- TOKEN RING 4/16 MBITS
- ATM 155, 622 MBITS/S AND 1.2 GBITS
- IEEE 802.3 AF/AT: POE AND POE+

## ELECTRICAL PROPERTY

MAX. LINEAR ELECTRICAL RESISTANCE: 95  $\Omega$ /KM  
MUTUAL CAPACITY (NOM.): 45 PF/M  
CHARACTERISTIC IMPEDANCE: 100 +/-15 $\Omega$   
NOMINAL VELOCITY PROPAGATION: 78%

## ENVIRONMENTAL PROPERTIES

CPR LEVEL: DCA-S2,D2,A2  
FIRE BEHAVIOUR: IEC 60332-1  
OPERATING TEMPERATURE: -20°C/+70°C  
MINIMUM BENDING RADIUS: 8 X CABLE DIAMETER  
COMPLIANT TO ROHS

## STANDARD

SYSTEM: ISO/IEC 11801 CLASS EA | TIA 568-C.2

## ORDER INFORMATION – CABLE 4 PAIRS

ITEM NO	DESCRIPTION	EXTERNAL DIAMETER	PACKAGING	AWG	NVG#
U500L4SH5	CAT6A CABLE U/UTP 4 PAIRS LSZH	7.16 +/-0.2 MM	DRUM 500 M	AWG23	1010023