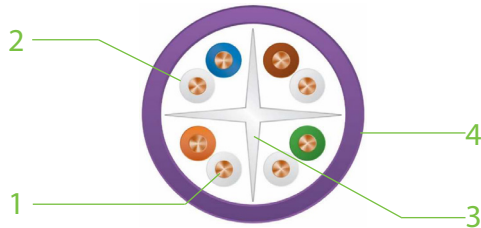




## U500LxSHCy

U/UTP CAT6A 4 pairs cable 500MHz LSZH sheath Cca - Link certified



1. **Conductor** : solid bare copper AWG23
2. **Insulation** : PE
3. **Cross separator** : PE
4. **Outer sheath** : LSZH jacket Cca RAL 4001

## DESCRIPTIONS

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. His specific internal cross and irregular internal diameter decrease the proximity effect and avoid the Ax Cross Talk phenomena.

## APPLICATIONS

Ethernet Base T up to 10Gbits/s	TOKEN RING 4/16 MBITS
ISDN	ATM 155, 622Mbits/s & 1.2Gbits
IEEE 802.3 af /at : PoE and PoE+	

## STANDARDS

SYSTEME	ISO / IEC 11801 Ed2.2 Class Ea TIA 568-C.2
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### ELECTRICAL PROPERTIES

Max linear electrical resistance	95 Ω/Km
Mutual capacity (nom)	45 pF/m
Characteristic impedance	100 +/- 15Ω
Nominal Velocity Propagation	75%

### ENVIRONMENTAL PROPERTIES

CPR Level	Cca - s1,d1,a1
Fire behaviour	IEC 60332-1
Operating Temperature	-20°C / +70°C
Minimum bending radius	8 x cable diameter
Compliant to RoHS	

### ORDERING INFORMATION

CABLE 4 PAIRS			
P/N	DESCRIPTION	EXTERNAL DIAMETER	PACKAGING
U500L4SHC5	CAT6A CABLE U/UTP 4 PAIRS LSZH Cca	6.5 +/-0.3 mm	DRUM 500M