



COMMUNICATIONS

Let's Get Connected

PRODUCT SPECIFICATION

CATEGORY 6 UTP PATCH CORDS, LSZH

INTRODUCTION

Lux's 4-pairs Category 6 UTP (Unshielded) patch cords are constructed of 24 AWG unshielded and twisted pair stranded copper cable providing voice or data transmission over the networks. Available in different lengths and colors.

U/UTP CAT6 PATCH CORD

The 4-pairs unshielded twisted pair patch cords are constructed with 24 AWG bare stranded copper conductor with LSZH outer jacket. The patch cords meet and exceed the data transmission performance of ANSI/TIA-568-D.2 and ISO 11801 Class E.

FEATURES

- Conforms to Category 6 standard
- 24 AWG stranded cable bare copper conductor
- 8-positions conductor
- Terminated with RJ45 8-positions modular plug
- 100% Component Test
- 25-year system warranty available

REFERENCE STANDARDS

- RoHS/REACH complied
- ANSI/TIA-568-D.2; ISO 11801 Class E; EN 50173-1
- UL/ETL/DELTA/CE/POE+ approved
- IEC60332-1-2
- IEC60603-7



APPLICATIONS

- 10BASE-T (Ethernet)
- 100BASE-T (Fast Ethernet)
- 1000BASE-T (Gigabit Ethernet)
- Supports IEEE 802.3bt (Type 4)
- Any other Category 6 applications

SPECIFICATIONS

Product Number:	CPCUU6X - XXX – YY (XXX = Meter, YY = Color)
Category:	CAT6
Cable Type:	UTP (Unshielded)
Conductors	24 AWG bare stranded copper cable
Modular Plug:	8-pins RJ45 modular plug; Phosphor bronze with 50U" gold plating on contact area
Outer Jacket:	LSZH
Outer Cable Diameter:	6.0mm ± 0.2mm
Wiring Scheme:	T568B
Operation Temperature:	-20°C ~ +60°C
Electrical Characteristics :	Dielectric withstanding voltage: 1000 VAC (rms) Insulation resistance: 500MΩ (min) Current Rating: 1.5A
Mechanical Characteristics :	Min. 750 mating cycle Tensile strength: ≥ 20lbs

The information and specification in this document are subjected to change without notice





ORDERING PART NUMBER

Example: CPC-UU6X-001-GY = CAT 6 UTP RJ-45 Patchcord, LSZH, 1m, Grey

Character	C	P	C	–	U	U	6	X	–	A	B	C	–	D	E
Example	C	P	C	–	U	U	6	X	–	0	0	1	–	G	Y

ABC – LENGTH	DE – JACKET COLOR
001 = 1 METERS 002 = 2 METERS 003 = 3 METERS 005 = 5 METERS 010 = 10 METERS 015 = 15 METERS 020 = 20 METERS 025 = 25 METERS 030 = 30 METERS	BK = BLACK BU = BLUE GR = GREEN GY = GREY OR = ORANGE RD = RED WH = WHITE YL = YELLOW