



COMMUNICATIONS

Let's Get Connected

PRODUCT SPECIFICATION

CATEGORY 6_A STP PATCH CORDS, LZSH

INTRODUCTION

Lux's 4-pairs Category 6_A (Augmented) STP patch cords are constructed of 26 AWG shielded and twisted pair stranded copper cable providing voice or data transmission over the networks.

STP CAT6_A PATCH CORD

The 4-pairs shielded twisted pair patch cords are constructed of 26 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_A.

FEATURES

- Conforms to Category 6_A standards
- 26 AWG stranded cable bare copper conductor
- 8-positions conductor
- Terminated with RJ45 8-positions modular plug
- 100% Cat6_A Component Test
- 25-year system warranty available

REFERENCE STANDARDS

- RoHs/REACH complied
- ANSI/TIA-568-D.2; ISO 11801 Class E_A; EN50173-1
- UL/ETL/DELTA/CE/POE+ approved
- IEC60332-1-2
- IEC60603-7-1

SPECIFICATIONS

| | |
|-------------------------------------|---|
| Product Number: | CPCUF6A – XXX – YY (XXX = Meter, YY = Color) |
| Category: | CAT6 _A |
| Cable Type: | STP (Shielded) |
| Conductors | 26 AWG bare stranded copper cable |
| Modular Plug: | 8-pins RJ45 modular plug; Phosphor bronze with 50U" gold plating on contact area |
| Outer Jacket: | LZSH |
| 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 |



APPLICATIONS

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

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





ORDERING PART NUMBER

Example: CPC-UF6A-001-GY = CAT 6A STP RJ-45 Patchcord, LSZH, 1m, Grey

| | | | | | | | | | | | | | | | |
|-----------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Character | C | P | C | – | U | F | 6 | A | – | A | B | C | – | D | E |
| Example | C | P | C | – | U | F | 6 | A | – | 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 |