

# PRODUCT SPECIFICATION S/FTP CATEGORY 6<sub>A</sub> PATCH CORDS, LZSH

### **INTRODUCTION**

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

# S/FTP CAT6 PATCH CORD

The 4-pairs shielded twisted pair patch cords are constructed with 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  $E_{\rm A}$ .

### **FEATURES**

- Conforms to Category 6<sub>A</sub> standards
- 26 AWG stranded cable bare copper conductor
- 8-positions conductor
- Terminated with RJ45 8-positions modular plug
- 100% Cat6<sub>A</sub> Component Test
- 25-year system warranty available

## REFERENCE STANDARDS

- RoHs/REACH complied
- ANSI/TIA-568-D.2; ISO 11801 Class E<sub>A</sub>
- UL/ETL/CE/DELTA/POE+ approved
- IEC60332-1-2 (Fire resistant)
- IEC61935-2

### **APPLICATIONS**

- 10BASE-T (Ethernet)
- 100BASE-T (Fast Ethernet)
- 1000BASE-T (Gigabit Ethernet)
- 10GBASE-T (10G Ethernet)
- IEC802.3
- Any other Category 6<sub>A</sub> applications

#### **SPECIFICATIONS**

Product Number: CPCSF6A – XXX – YY (XXX = Meter, YY = Color)

Category: CAT6<sub>A</sub>

Cable Type: S/FTP (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: 6.2mm ± 0.2mm

Wiring Scheme: T568B

**Operation Temperature:**  $-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$ 

Electrical Characteristics: Dielectric withstanding voltage: 1000 VAC (rms)

Insulation resistance: 500MΩ (min)

Current Rating: 1.5A

Mechanical Characteristics : Min. 750 mating cycle

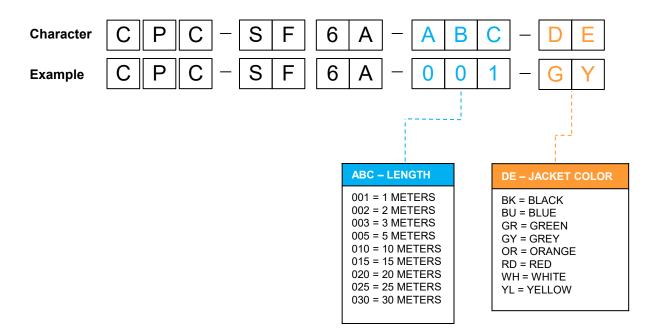
Tensile strength: ≥ 20lbs

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



# **ORDERING PART NUMBER**

Example: CPC-SF6A-001-GY = CAT 6A S/FTP RJ-45 Patchcord, LSZH, 1m, Grey



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Tel: +852- 2808-1777