



COMMUNICATIONS

Let's Get Connected

PRODUCT SPECIFICATION

S/FTP CATEGORY 6_A 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_A 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_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/CE/DELTA/POE+ approved
- IEC60332-1-2
- IEC60603-7-1

SPECIFICATIONS

Product Number:	CPCSF6A – XXX – YY (XXX = Meter, YY = Color)
Category:	CAT6 _A
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°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)
- Supports 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-SF6A-001-GY = CAT 6A S/FTP RJ-45 Patchcord, LSZH, 1m, Grey

Character	C	P	C	–	S	F	6	A	–	A	B	C	–	D	E
Example	C	P	C	–	S	F	6	A	–	0	0	1	–	G	Y

ABC – LENGTH
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

DE – JACKET COLOR
BK = BLACK
BU = BLUE
GR = GREEN
GY = GREY
OR = ORANGE
RD = RED
WH = WHITE
YL = YELLOW