



COMMUNICATIONS

Let's Get Connected

PRODUCT SPECIFICATION

ULTRA SLIM CATEGORY 6_A STP PATCH CORDS

INTRODUCTION

Lux's 4-pairs STP Ultra Slim Category 6_A patch cords are constructed of 28 AWG Shielded and twisted pair stranded copper cable providing voice or data transmission over the networks.

S/FTP CAT6A PATCH CORD

The outer diameter of the ultra slim 28 AWG patch cords is Ø3.9mm. The patch cords meet and exceed the data transmission performance of TIA-568-D.2 and ISO 11801 Class E_A.

FEATURES

- Conforms to Category 6_A standards
- Ultra Slim with OD: 3.9mm
- Flexible bending
- 8-positions conductor
- Terminated with RJ45 8-positions modular plug
- 100% Channel Test with 4 connectors

REFERENCE STANDARDS

- RoHS/REACH complied
- TIA-568-D.2; ISO 11801 Class EA; EN 50173-1
- UL/CE/POE+ approved
- IEC60332-1-2
- IEC61935-2
- IEC 60603-7-1

SPECIFICATIONS

Product Number:	CSPSF6A – XXX – YY (XXX = Meter, YY = Color)
Category:	CAT6 _A
Cable Type:	STP (Shielded)
Conductors	28 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:	3.9mm ± 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: CSP-SF6A-001-GY = CAT 6A ULTRA SLIM STP RJ-45 Patchcord, LSZH, 1m, Grey

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

ABC – LENGTH
00H = 0.5 METER
001 = 1 METER
002 = 2 METER
003 = 3 METER
005 = 5 METER
010 = 10 METER
015 = 15 METER
020 = 20 METER
025 = 25 METER
030 = 30 METER

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