

PC-U6A-H0424-BU-001M

Description

Osilan's Cat6A Patch Cords are part of cat6A cable solutions that are flexible and cost-effective solutions that fully comply with category 6A/ Class EA standards. Cat6A Patch cords are available in U/UTP, U/FTP and F/FTP shielded cable and with PVC or LSZH sheath, which are ideal for most of today's LAN network requirements and specifications with designs that support 500 MHz applications.

Features

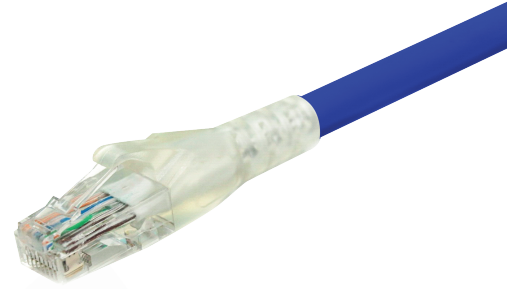
- Category 6A U/UTP patch cord.
- LSZH Sheath.
- Wired to T568B wiring schemes.
- 4 Pairs, 24 AWG solid copper conductors.
- Supports IEEE 802.bt type 3,4 & PoE++ Standards.
- Each patch cord is 100% performance tested to component limits.

Application

- Suitable for all category 6A backbone and horizontal Cabling applications.
- 10 Base-T (Ethernet), 100 Base-T (Fast Ethernet), 1000 Base-T (Gigabit Ethernet) and 10G Base-T (10Gigabit Ethernet).
- 155Mb/s ATM, 622Mb/s ATM, 1.2Gb/s ATM, Token Ring 4/16 & ISDN.
- IEEE 802.3af, IEEE 802.3at, IEEE 802.bt type 3 and 4.

Standards

- ANSI/TIA-568-C.2 Category 6A
- IEC 60603-7
- UL444
- ISO 11801 2nd Edition
- EN 50173-1
- UL1581
- IEC 619352
- EN 60332-1
- UL1666



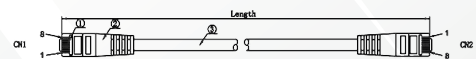
Technical Specifications

Central Element	Cross Section - Solid Polyethylene PE
Conductor	24AWG Stranded Bare Copper
Insulation	HDPE
Pairs	4 Twisted Pairs
Sheath	LSZH (LSZH IEC 60332-1 Sheath)
Outer Diameter	5.8mm (+/- 0.2mm)
Identification	Pair 1: White Blue / Blue Pair 2: White Orange / Orange Pair 3: White Green / Green Pair 4: White Brown / Brown
Connector	RJ45 8P8C including boot
Wiring Standards	T568B wiring
Temperature (Installation)	-30°C to +50°C
Temperature (Operation)	-20°C to +75°

Mechanical and Electrical Specification

Min Bend Radius	Operation: 23.2mm (4* Outer Diameter)
Standard Length	0.5m, 1m, 2m, 3m, 5m, 7.5m, 10m, 15m, 20m, 30m
Mating Cycle	Minimum 750

Technical Drawings



CN1 (568B)		CN2 (568B)	
WHITE/ORANGE 1	1	WHITE/ORANGE 1	1
ORANGE 2	2	ORANGE 2	2
WHITE/GREEN 3	3	WHITE/GREEN 3	3
GREEN 6	6	GREEN 6	6
BLUE 4	4	BLUE 4	4
WHITE/BLUE 5	5	WHITE/BLUE 5	5
WHITE/BROWN 7	7	WHITE/BROWN 7	7
BROWN 8	8	BROWN 8	8

CATEGORY 6A U/UTP PATCH CORDS, 24 AWG, LSZH

Part No.	Description
PC-U6A-H0424-BU-001M	Category 6A U/UTP Patch Cords, LSZH Sheath, 1 m, Blue

* More colours are available.