

# PC-U6A-H0424-WH-005M

## 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.

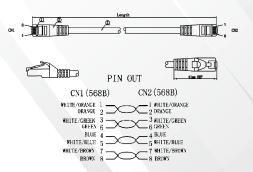
#### **Standards**

ANSI/TIA-568-C.2 Category 6A	• IEC 60603-7	• UL444	
• ISO 11801 2 <sup>nd</sup> Edition	• EN 50173-1	• UL1581	
• IEC 619352	• EN 60332-1	• I II 1666	

echnical 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°C

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**



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

Part No.	Description	
PC-U6A-H0424-WH-005M	Category 6A U/UTP Patch Cords, LSZH Sheath, 5 m, White	

<sup>\*</sup> More colours are available.