#### CATEGORY 6A COPPER PATCH CORDS



# PC-U6AF-H0424-YL-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/FTP 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
- ISO 11801 2<sup>nd</sup> Edition
- IEC 619352

• EN 50173-1 • EN 60332-1

• IEC 60603-7

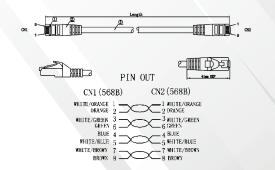
• 1 11 444 • UL1581 • UL1666

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	7.5mm (+/- 0.3mm)			
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**



CATEGORY 6A U/FTP	ORY 6A U/FTP PATCH CORDS, 24 AWG, LSZH						
Part No.		Description					
PC-U6AF-H0424-YL-001M		Category 6A U/FTP Patch Cord, LSZH Sheath, 1 m, Yellow					

PC-U6AF-H0424-YL-001M

\* More colours are available.

