## **CATEGORY 6 COPPER PATCH CORDS**



# PC-U6F-H0424-BU-003M

## Description

Osilan's Cat6 Patch Cords are part of cat6 cable solutions that are flexible and cost-effective solutions that fully comply with category 6/ Class E standards. Cat6 Patch cords are available in U/UTP, F/UTP shielded cable and with PVC or LSZH sheath, ideal for most of today's LAN network requirements and specifications with designs that support 350 MHz applications.

### Features

- Category 6 F/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 6 backbone and horizontal Cabling applications.
- 10 Base-T (Ethernet), 100 Base-T (Fast Ethernet), 1000 Base-T (Gigabit Ethernet).
- 155Mb/s ATM, 622Mb/s ATM, 1.2Gb/s ATM, Token Ring 4/16 & ISDN.

# Standards

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

• IEC 619352

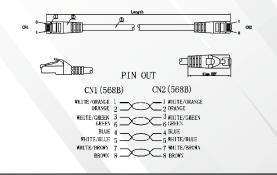
#### chnical Specifications

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	6.0mm (+/- 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

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 6 F/UTP PATCH CORDS, 24 AWG, LSZH

Part No.	Description	
PC-U6F-H0424-BU-003M	Category 6 F/UTP Patch Cord, LSZH Sheath, 3 m, Blue	

\* More colours are available.