### **CATEGORY 6 COPPER PATCH CORDS**



# PCL-U6-H0424-YL-005M

## Description

OSI-Link 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 with PVC or LSZH sheath, which are ideal for most of today's LAN network requirements and specifications with designs that support 250 MHz applications.

# Features

- Category 6 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 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

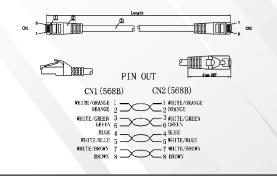
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#### Technical Specifications

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 (+/- 0.3mm)			
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 6 U/UTP PATCH CORDS, 24 AWG, LSZH

Part No.	Description			
PCL-U6-H0424-YL-005M	OSI-LINK Category 6 U/UTP Patch Cord, LSZH Sheath, 5 m, Yellow			

\* More colours are available.