

## PC-U6A-H0426-YL-002M

## 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, 26 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**

**Technical Specifications** 

Central Element

Outer Diameter

Identification

Connector

Wiring Standards

Temperature (Installation)

Temperature (Operation)

Conductor Insulation

Sheath

| ANSI/TIA-568-C.2 Category 6A        | • IE |
|-------------------------------------|------|
| • ISO 11801 2 <sup>nd</sup> Edition | • EN |

C 60603-7 III 444 • EN 50173-1 • UL1581

-20°C to +75°C

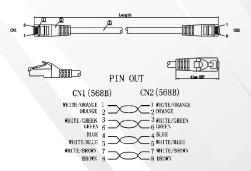
• IEC 619352 • EN 60332-1

| Cross Section - Solid Polyethylene PE |                                |  |  |  |
|---------------------------------------|--------------------------------|--|--|--|
|                                       | 26AWG Stranded Bare Copper     |  |  |  |
|                                       | HDPE                           |  |  |  |
|                                       | 4 Twisted Pairs                |  |  |  |
|                                       | LSZH (LSZH IEC 60332-1 Sheath) |  |  |  |
|                                       | 5.2mm (+/- 0.2mm)              |  |  |  |
|                                       | Pair 1: White Blue / Blue      |  |  |  |
|                                       | Pair 2: White Orange / Orange  |  |  |  |
|                                       | Pair 3: White Green / Green    |  |  |  |
|                                       | Pair 4: White Brown / Brown    |  |  |  |
|                                       | RJ45 8P8C including boot       |  |  |  |
|                                       | T568B wiring                   |  |  |  |
|                                       | -30°C to +50°C                 |  |  |  |
|                                       | 20°C to ±75°C                  |  |  |  |

UL1666

| 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, 26 AWG, LSZH

| Part No.             | Description   |
|----------------------|---|
| PC-U6A-H0426-YL-002M | Category 6A U/UTP Patch Cords, LSZH Sheath, 2 m, Yellow |

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