

PC-U6A-H0424-VL-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

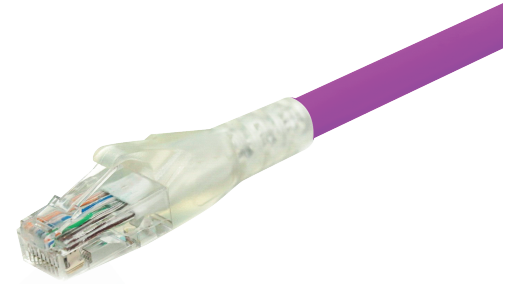
- Category 6A U/UTP patch cord.
- LSZH Sheath.
- Wired to T568B wiring schemes.
- 4 Pairs, 24 AWG solid copper conductors.
- Supports IEEE 802.bt type 3,4 & PoE++ Standards.
- Each patch cord is 100% performance tested to component limits.

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 2nd Edition
- EN 50173-1
- UL1581
- IEC 619352
- EN 60332-1
- UL1666



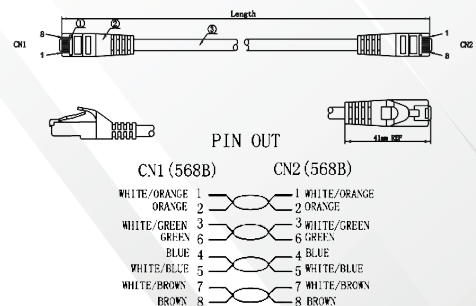
Technical Specifications

| | |
|----------------------------|--|
| 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 | 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-VL-002M | Category 6A U/UTP Patch Cords, LSZH Sheath, 2 m, Violet |

* More colours are available.