

PC-U6AF-H0424-OR-005M

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.

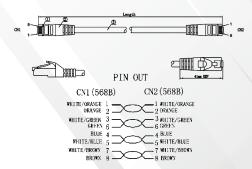
Standards

| ANSI/TIA-568-C.2 Category 6A | • IEC 60603-7 | • UL444 |
|-------------------------------------|---------------|-----------|
| • ISO 11801 2 nd Edition | • EN 50173-1 | • UL1581 |
| • IFC 619352 | • FN 60332-1 | • UI 1666 |

| echnical 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 PATCH CORDS, 24 AWG, LSZH | | | | | | | |
|---|--|--|--|--|--|--|--|
| Part No. | | Description | | | | | |
| PC-U6AF-H0424-OR-005M | | Category 6A U/FTP Patch Cord, LSZH Sheath, 5 m, Orange | | | | | |

^{*} More colours are available.

