

## Cat.6A Copper Patch Cord | U/UTP, AWG 24

Cat6A U/UTP Patch Cord Series are 4-pair, 24 AWG (stranded) and flexible cable structures terminated with unshielded RJ45 connectors at both ends. These patch cords are used in cabinet and user terminals in structured cabling systems.

CAT6A patch cables are used for Gigabit Ethernet 10GBASE-T speed and 500 MHz frequency requirements. These patch cords work well with keystone jacks terminated with both T568A and T568B color codes.



### Compliant Standards

ISO/IEC11801:2011(Ed. 2.2) ANSI/TIA/EIA-568.2-D

### Applications

IEEE 802.3: 10BASE-T; 100BASE-T; 1000BASE-T; 10GBASE-T

IEEE 802.5 16 MB; ISDN; TPDDI; ATM

Primary (Campus), Secondary (Riser), Tertiary (Horizontal)



### Flame Resistance for Cable

LSZH FR - IEC 60332-1-2



### Features

100% performance tested by VIAVI 10G/40G Certifier to guarantee the quality

Small diameter, Flexible cable for easy routing

Snag-less boots to prevent latch damage

Assembly Wiring Standard T568B

(T568A or Cross-over can be requested )

#### Assembly Order Coding

RJ45M-RJ45M-C6A-UUTP-24FLX-WH-XXM

#### Sample Code

RJ45M-RJ45M-C6A-UUTP-24FLX-WH-07

#### Available Jacket and Boot Colors

White

### Cable Construction

|                         |  |
|-------------------------|--|
| Conductor               | Stranded bare copper wire Ø: 7x 0.18 mm AWG 24 |
| Side A/B Connector Type | RJ45 Male / RJ45 Male                          |
| Sheath                  | Foam skin polyethylene, LSZH-FR                |
| Contact pin material    | Phosphor-bronze alloy coated with 50 µ of gold |
| Outer cable diameter    | 5.9 mm   |
| Plug Termination Method | Injection Moulded                              |

### Mechanical Properties

|                               |              |                      |
|-------------------------------|--------------|----------------------|
| Insertion / extraction cycles | min. 500     |                      |
| Temperature range             | Installation | 0°C up to + 50°C     |
|                               | Operation    | -20°C up to + 60°C   |
| Min. bending radius           | Installation | 4 x Diameter (25 mm) |
|                               | Operation    | 8 x Diameter (50 mm) |