

## JMU61801L-BL

### Description

OSI-Link Cat6 snap-in jack modules complete Category 6/Class E components and performance. The RJ-45 jack modules are suitable for mounting in a range of housings from patch panels, faceplates, floor boxes, and work area distribution enclosures.



### Features

- RJ-45 jack Modules are available with multiple colors
- Wiring Code: T568A and T568B wiring schemes.
- Terminates full range of 24 AWG conductor
- High-impact, fire-retardant plastic connector body
- Termination style can be done with 110 Compatible tools.

### 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
- EN 50173-1
- ISO 11801 2<sup>nd</sup> Edition

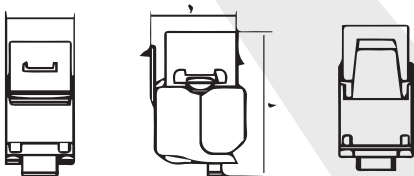
#### Technical Specifications

|                       |  |
|-----------------------|--|
| RJ 45 Jack Housing    | Polycarbonate (PC) + Acrylonitrile-Butadiene-Styrene (ABS) |
| RJ45 Jack Contact     | Phosphor bronze, Nickel Plated. Gold Plated on Plug area   |
| IDC Housing           | Polycarbonate (PC)   |
| IDC Terminal          | Phosphor Bronze, Tin Plated                                |
| IDC Cap               | Polycarbonate (PC)   |
| PCB: FR4, Thickness   | 1.6 mm   |
| Wiring Code           | T568A & T568B  |
| Termination Style     | IDC compatible without tools                               |
| Operating Temperature | -10°C to 60°C  |
| Storage Temperature   | -40°C to 70°C  |

#### Mechanical and Electrical Specification

|                              |                              |
|------------------------------|------------------------------|
| Life time                    | Minimum 750 Insertion Cycle  |
| Number of IDC Termination    | Minimum 200 reterminations   |
| Insertion Force              | Maximum 20N                  |
| Retention Strength           | 7.7 Kg between Jack and Plug |
| Insulation Resistance        | Minimum 1000 MΩ              |
| Dielectric withstand voltage | 750Vac/RMS/60Hz for 1min     |
| Contact Resistance           | Maximum 100 mΩ               |
| Current Rating               | 1.5 Amp @ 20° C              |

### Technical Drawings



### COVER



#### CATEGORY 6 UTP KEYSTONE JACK, TOOL-LESS VERSION- BUTTERFLY STYLE

| Part No.     | Description   |
|--------------|---|
| JMU61801L-BL | OSI-LINK Category 6 Unscreened butterfly style, Tool-less Keystone Jack - Black |

\* More colour are available.