

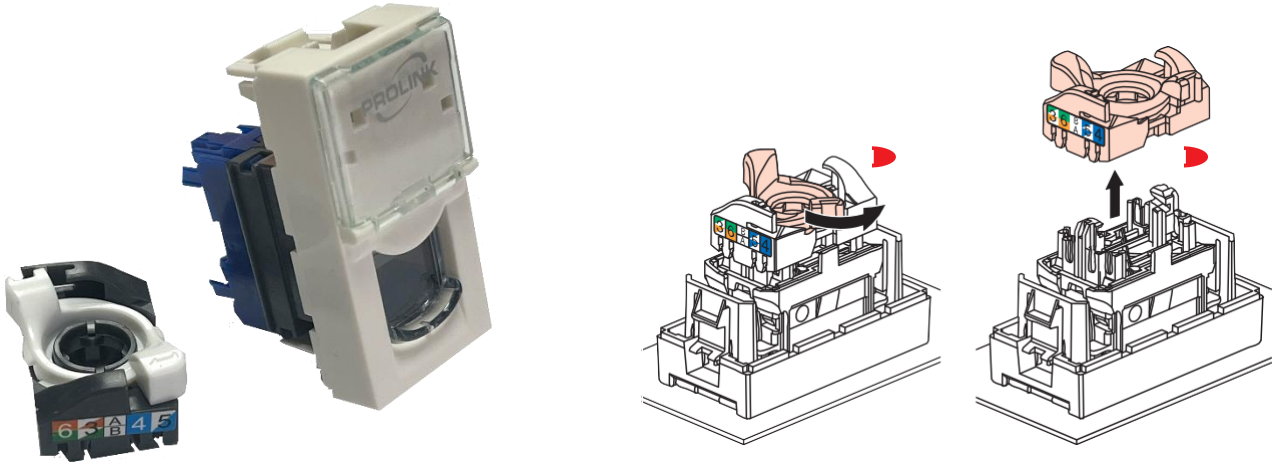


We provide our customers with exceptional **PRODUCTS** in accordance with the highest international standards and also provide **SERVICES** that meets our customers' needs or exceed their expectations.

Powered by: **PROLINK**

**Description**

ProLink CAT6 UTP 1G keystone jack rotating, Tool-less Connection Module With Clip Adapter 45\*22.5



## CAT.6 U/UTP Rotating Tool-less Connection Module

### Performance:

- Real Category 6 hardware performance.
- Significantly exceeds Category 6/CLASS E link performance requirements.

### Tool-less jack:

- Easy and quick to install.
- Fast reliable connection in record time; all 8 copper conductors are effortlessly terminated in a single operation.
- Quality of connection by design; independent of tool condition or operator skill, just listen for the click.
- Consistent results. The length of untwisted pairs and the length between the end of the conductor and the IDC contacts are always kept to a minimum, by design.

### Reusable:

- If a wiring mistake is made there is no need to use a new jack.
- Just open and terminate.
- No delay waiting for another delivery.

### Integral shutter:

- Increased dust protection, especially during installation or in a dirty environment.
- No additional shuttering required on faceplates.
- Higher port density.
- Allows direct mounting into floor boxes.
- Protects jacks in the patch panel.

## Mechanical Data

|                             |                                  |
|-----------------------------|----------------------------------|
| Number of RJ45 jacks        | 1                                |
| Number of signal contacts   | 8/jack                           |
| Operating temperature range | -10°C to 60°C                    |
| Storage temperature range   | -40°C to 70°C                    |
| Humidity                    | 95% (non-condensing)             |
| Contact material            | CuSn                             |
| Contact area plating        | 1.2 µm gold over nickel          |
| IDC* plating                | Tin-plated                       |
| Cutting blade material      | Stainless steel                  |
| Housing material            | Polycarbonate (UL-94-V0)         |
| Admissible wire Ø           | 0.4 mm (AWG26) – 0.65 mm (AWG22) |
| Admissible strand Ø         | AWG26/7 – AWG22/7                |
| Admissible insulation Ø     | 0.8 mm – 1.6 mm                  |
| Cable diameter              | 10 mm maximum                    |
| Cable strain relief         | Through cable tie                |

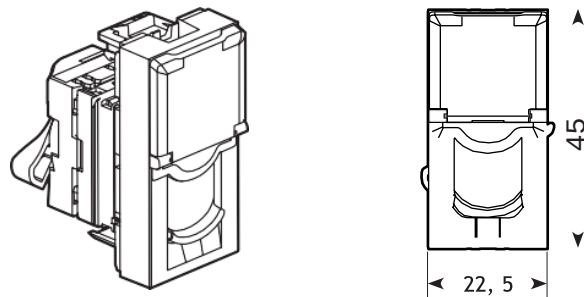
| Description        | Standard value | Relevant Standard       | Typical value (at 20°C) |
|--------------------|----------------|-------------------------|-------------------------|
| Mating cycles min. | > 750          | ISO/IEC 11801 2nd Ed.   | > 1000                  |
| Re-terminations**  | > 20           | ISO/IEC 11801 2nd Ed. > | > 20                    |

## Electrical Data

| Description               | Standard value       | Relevant Standard | Typical value (at 20°C) |
|---------------------------|----------------------|-------------------|-------------------------|
| Contacts                  | 1000 V DC or AC peak | IEC 60603-7-41    | > 1000 V <sub>eu</sub>  |
| Insulation resistance     | > 250 M (100 V DC)   | IEC 60603-7-41    | > 5 MK (100 V DC)       |
| Contact resistance        | < 200 m              | IEC 60603-7-41    | <5 mK                   |
| I/O resistance            | < 200 m              | IEC 60603-7-41    | 60 mK                   |
| I/O resistance unbalance  | < 50 m               | IEC 60603-7-41    | 30 mK                   |
| Current carrying capacity | 1 Amp @ 60°C         | IEC 60603-7-41    | Pass                    |

| Frequency (MHz) | Insertion Loss (20°C) | Return Loss (20°C) [dB] | NEXT (20°C) [dB] all pair combinations | TCL (20°C) [dB] | PS ANEXT (20°C) [dB] |
|-----------------|-----------------------|-------------------------|----------------------------------------|-----------------|----------------------|
| 1               | > -0.05               | -48.3                   | -97.3                                  | -84.4           | -81.2                |
| 10              | > -0.05               | -46.1                   | -80.0                                  | -66.1           | -81.1                |
| 31              | > -0.05               | -42.6                   | -69.5                                  | -56.6           | -81.2                |
| 100             | > -0.05               | -32.6                   | -59.5                                  | -47.3           | -80.5                |
| 175             | > -0.05               | -27.2                   | -54.1                                  | -42.7           | -76.1                |
| 250             | -0.08                 | -23.6                   | -49.8                                  | -40.1           | -72.8                |
| 400             | -0.23                 | -19.7                   | -41.6                                  | -35.6           | -69.5                |
| 500             | -0.42                 | -17.6                   | -37.3                                  | -33.5           | -66.9                |

## Clip Adapter



## Dimensions

|               |                    |
|---------------|--------------------|
| <b>Height</b> | 22.5 mm - 0.98 in  |
| <b>Width</b>  | 45 mm - 1.96 in    |
| <b>Depth</b>  | 13.97 mm - 0.55 in |