

Excel Plus Category 6 Unshielded Twisted Pair (UTP) Keystone Jack Outlets



- 25 Year System Warranty
- Supports Gigabit Ethernet
- Choice of Colours

Features

- Category 6 compliant
- IDC point at 90° to jack
- Choice of colour
- Mounts in either panel or shutter
- Lifetime Product Warranty
- 25 Year System Warranty
- BSRIA Number 1 private label, by market share for the last three years

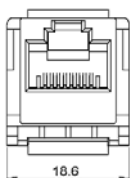
Product Overview

As an alternative to the one piece shuttered Excel module range we can now offer the Excel Plus Keystone Jack options. Suitable for mounting in a range of faceplates, shutters and a 1u 24 port frame, these jacks are quick and easy to install.

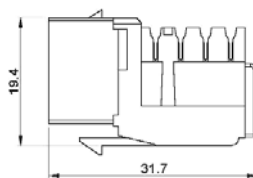
Each Excel Plus Keystone Jack is manufactured and tested to the EIA/TIA 568-B 2.1, ISO/IEC 11801.2 and EN50173.1 Category 6 Specifications. Termination can be made using 110 compatible tooling.

RJ45 White Keystone Jack

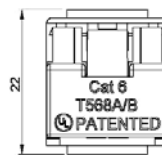
Front Aspect



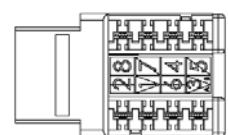
Side Aspect



Rear Aspect

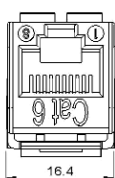


Bottom Aspect

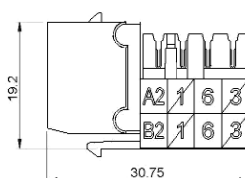


RJ45 Black Keystone Jack

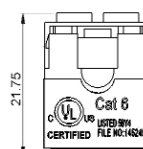
Front Aspect



Side Aspect



Rear Aspect



Bottom Aspect



Performance Overview

Excel Plus Category 6 Keystone jacks are manufactured and tested to the Category 6 performance standards defined by the EIA/TIA, ISO and EN standards' bodies. A range of performance characteristics are tested up to 250Mhz including return loss, attenuation and near end cross talk (NEXT) and far end cross talk (FEXT). Both Worst Case and Power Sum Test methods are applied. Actual performance exceeds the required standard – when tested in isolation and in circuit – resulting in sufficient headroom for even the most demanding applications.

As well as providing link and channel compliance – when installed with Excel category 6 components – with the aforementioned specification – the keystone jack is also backward compatible with Category 5 and 5e components.

Performance / Specification Table

| | |
|------------------------------|---|
| Specification: | Category 6 ISO/IEC 11801 Class E, TIA/EIA-568B.2-1 |
| Wiring Specification: | <i>White:</i> TIA 568A/568B <i>Black:</i> TIA 568A/568B |
| Dimensions: | <i>White:</i> 18.6mm wide x 31.7mm deep x 22mm high <i>Black:</i> 16.6mm wide x 30.8mm deep x 21.75mm high |
| Installation Recommendation: | Suits outlet frames with 14.60 x 16.10mm jack opening / 19.20mm spring latch height |
| RJ45 Jack: | Min. life 750 insertions |
| RJ45 Jack: | 50 Micron Gold Plated contact pins |
| IDC Contacts: | Suitable for 110 compatible tooling. Maximum 200 reterminations |
| NEXT at 250MHz | <i>White:</i> Category 6 39.50dB @250MHz (Power Sum) <i>Black:</i> Category 6 40.20dB @250MHz (Power Sum) |
| FEXT at 250MHz | <i>White:</i> Category 6 26.20dB @250MHz (Power Sum) <i>Black:</i> Category 6 26.70dB @250MHz (Power Sum) |

System Warranty

When installed with Excel Patch Panel frames, shutters and faceplates by an accredited Excel Cabling Partner, this product is supported by a comprehensive 25 year product and applications warranty.

Typical Applications

- 100 Base-TX
- 155 Mbps ATM
- Token Ring
- 622 Mbps ATM
- 1000 Base-TX Gigabit Ethernet

Part Number Information

| Part No. | Description |
|------------|--------------------------|
| 100-011 | RJ45 White Keystone Jack |
| 100-011-BK | RJ45 Black Keystone Jack |



Excel is a complete, end-to-end networking solution, offering exceptional performance and support, manufactured to European quality standards and covered by one warranty.

Contact us at sales@excel-networking.com

WWW.EXCEL-NETWORKING.COM