

X 25 Year System Warranty

X Supports Gigabit Ethernet

X Choice of Colours

## Features

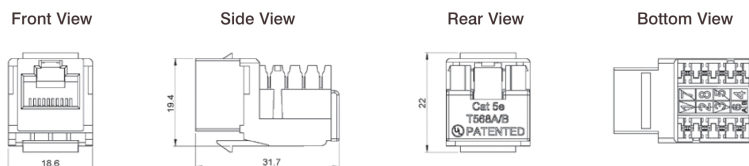
- 25 Year System Warranty
- Choice of Colours
- IDC point at 90° to jack
- Lifetime Product Warranty
- 3P Verified
- Supports Gigabit Ethernet
- Category 5e compliant
- Mounts in either panel or shutter
- No.3 cabling system by market share, as reported by BSRIA

## Product Overview

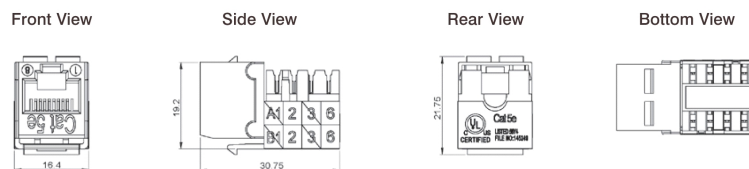
As an alternative to the one piece shuttered Excel module range we can now offer the Excel Plus Keystone Jack options. Suitable for mounting in a range of faceplates, shutters and a 1U 24 port frame, these jacks are quick and easy to install.

Each Excel Plus Keystone Jack complies with the standards for enhanced Category 5. Termination can be made using 110 compatible tooling.

### RJ45 White Keystone Jack



### RJ45 Black Keystone Jack



## Performance Overview

Excel Plus Category 5e Keystone jacks are manufactured and independently tested to the current Category 5 enhanced standards as defined by the ISO/IEC, EN & TIA/EIA standards' bodies. Swept frequency tests are applied to each critical performance characteristic, such as 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 by a considerable margin ensuring sufficient headroom for even the most demanding applications.

## Typical Applications

- 10Base-T Ethernet
- 100BASE-TX Fast Ethernet
- 1000BASE-T Gigabit Ethernet
- 155 Mbps ATM
- 622 Mbps ATM
- Token Ring

## Performance / Specification Table

Specification:	Category 5e, 2nd Edition ISO/IEC 11801, · EN 50173-1:2007, ANSI/TIA/EIA-568-B.2-1
Wiring Specification:	T568A & T568B
Dimensions:	16.4mm Wide x 19.2mm High x 30.75mm Deep
Installation Recommendation:	Suits outlet frames with 14.60 x 16.10mm jack opening/ 19.20mm spring latch height - Keystone
RJ45 Jack:	Min. life 750 insertions
RJ45 Jack:	50 Micro-inch Gold Plated contact pins
IDC Contacts:	Suitable for 110 compatible tooling. Maximum 200 reterminations
Keystone Jack Housing:	ABS High-Impact UL94V-0 Thermoplastic
IDC Plastic:	Polycarbonate Resin High-Impact UL94V-0 Thermoplastic
Contact Compatibility:	22 to 26 AWG Solid and 24 AWG Stranded wire
Operating Temperature Range:	-10 to +60 °C
Storage Temperature Range:	-40 to +68 °C
NEXT at 100MHz - White	Category 5e 40.3dB @100MHz (Power Sum)
NEXT at 100MHz - Black	Category 5e 40.9dB @100MHz (Power Sum)
FEXT at 100MHz- White	Category 5e 31.7dB @100MHz (Power Sum)
FEXT at 100MHz- Black	Black: Category 5e 30.9dB @100MHz (Power Sum)

## Part Number Information

Part No.	Description
100-010	Excel Plus Category 5e Keystone Jack, RJ45, White
100-010-BK	Excel Plus Category 5e Keystone Jack, RJ45, Black

## System Warranty

The Excel System Warranty provides a 25-year product and applications assurance of compliance with the industry performance standard appropriate to the class of cabling installed. The warranty may be applied for by an accredited Excel Partner who has designed, supplied and installed the said system.



Excel is a world-class premium performing end-to-end infrastructure solution - designed, manufactured, supported and delivered - without compromise.

Contact us at [sales@excel-networking.com](mailto:sales@excel-networking.com)

