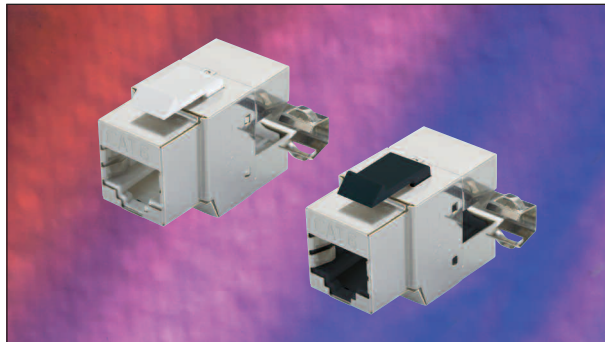


Excel Plus Category 6 Shielded Twisted Pair (FTP) Keystone Jack Outlets



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.

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:	White: TIA 568A/568B Black: TIA 568A/568B
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	White: Category 6 39.50dB @250MHz (Power Sum) Black: Category 6 40.20dB @250MHz (Power Sum)
FEXT at 250MHz	White: Category 6 26.20dB @250MHz (Power Sum) Black: 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
100-019	RJ45 White Keystone Jack
100-019-BK	RJ45 Black Keystone Jack