

Excel Category 6 Unshielded Twisted Pair (UTP) Module – 3 in 1



25 Year System Warranty

Supports Gigabit Ethernet

High Density Design

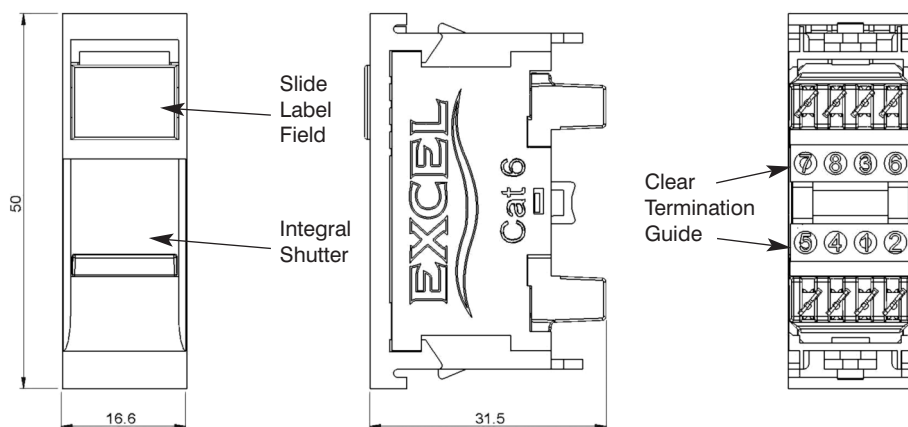
Features

- Category 6 compliant
- High density design
- Individual snap in modules
- Fit standard Excel Faceplates
- LSA compatible IDC
- Individual port slide labelling system
- Module dimensions 16.65 x 50mm
- Lifetime Product Warranty
- 25 Year System Warranty
- BSRIA Number 1 private label, by market share for the last three years

Product Overview

The Excel 3 in 1 module offers the ultimate in flexibility, space utilisation and ease of installation. The totally modular design allows the mounting of up to 3 shuttered RJ45 ports in a standard flat or bevelled single gang faceplate or up to 6 in a double gang facia.

The unique design means that you only load shuttered outlets as required, any capacity within the plate which is required for a later date is simply blanked off, providing a neat and easy to use completed installation. Individual port labelling is also quick and easy with standard Excel outlet slide in fields incorporated into the design.



Front Aspect

Side Aspect

Rear Aspect

Performance Overview

Excel 3 in 1 modules 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 Excel 3 in 1 module 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	TIA 258A/568B
Dimensions	16.6mm wide x 31.5mm deep x 50mm high
Installation Recommendation	Suits minimum of 27mm Back Boxes when installed with Bevelled Faceplate
RJ45 Jack	Min life 750 insertions
RJ45 Jack	50 Micron Gold Plated contact pins
IDC Contacts	Suitable for LSA compatible tooling Maximum 200 reterminations
NEXT at 250MHz	Category 6 39.10dB @250MHz (Power Sum)
FEXT at 250MHz	Category 6 27.00dB @250MHz (Power Sum)

System Warranty

When installed with other Excel category 6 products 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
100-430	Single Shuttered Module
100-407	Full Width Blank (equal to width of module)
100-409	Half Width Blank (equal to half width of module)
100-432	3 in 1 Assembly, 3 modules in a single gang bevelled plate