Excel Category 6 Unscreened Module – 3 in 1

excel without compromise.

CAT6

- X **25 Year System Warranty**
- X **Supports Gigabit Ethernet**
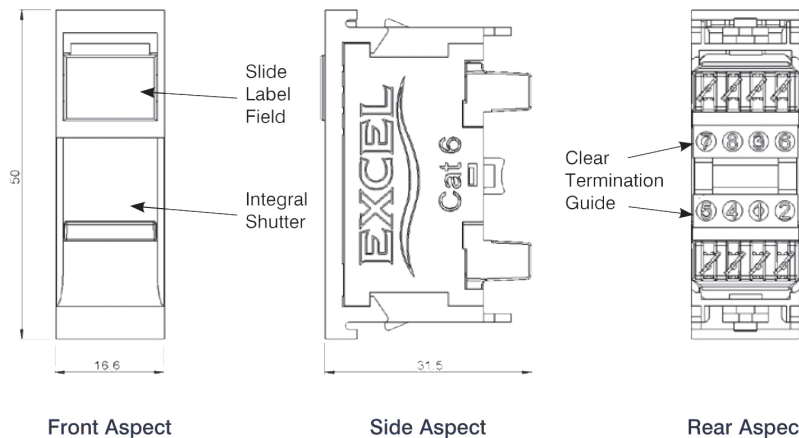- X **High Density Design**

Features

- 25 Year System Warranty
- High Density Design
- Individual snap in modules
- LSA compatible IDC
- Module dimensions 16.65 x 50mm
- Three modules in single gang size

- Supports Gigabit Ethernet
- Category 6 compliant
- Fit standard Excel Faceplates
- Individual port slide labelling system
- Lifetime Product Warranty
- No.2 cabling system by market share, as reported by BSRIA

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.

Slide Label Field

Integral Shutter

50

16.6

EXCEL Cat 6

31.5

Clear Termination Guide

7 8 0 6

5 4 0 2

Front Aspect   **Side Aspect**   **Rear Aspect**

Performance Overview

Excel Category 6 data outlets are manufactured and tested to the Category 6 performance standards. A range of performance characteristics are tested upto 250MHz including return loss, attenuation and near and far end crosstalk (NEXT and FEXT) for which both worst case and power sum tests are completed. Actual performance far exceeds the required standard – when tested in isolation and in circuit – resulting in significant headroom for even the most demanding of applications.

As well as providing link and channel compliance – when installed with Excel category 6 components – with the aforementioned specification – the outlet 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:	T568A & T568B
Module Dimensions	16.6mm wide x 31.5mm deep x 50mm high
Slide Label Dimensions	12 mm wide x 12 mm high
Installation Recommendation	Suits minimum of 27mm Back Boxes when installed with Bevelled Faceplate
RJ45 Jack:	Min. life 750 insertions
RJ45 Jack:	50 Micro-inch Gold Plated contact pins
IDC Contacts:	Suitable for LSA compatible tooling Maximum 200 reterminations
IDC Compatibility:	22 to 26AWG solid core, 24AWG stranded wire
NEXT at 250MHz	Category 6 39.10dB @250MHz (Power Sum)
FEXT at 250MHz	Category 6 27.00dB @250MHz (Power Sum)
Operating Temperature Range:	-10˚C to 60˚C
Storage Temperature Range	-40˚C to 68˚C
Humidity Range:	10 - 90% Relative Humidity
Jack Housing:	PBT High-Impact UL 94V-0 Thermoplastic, 30% fibre filled

Typical Applications

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

Part Number Information

Part No.	Description
100-432	Category 6 Unscreened Module - 3 in 1 Assembly 3 Modules in a Single Gang Bevelled Plate
100-430	Category 6 Single Shuttered Unscreened Module (16.6 mm x 50 mm)

Related Part Numbers

Part No.	Description
100-712	Single Gang Bevelled Plate Without Blanks
100-716	Double Gang Bevelled Plate Without Blanks
100-407	Full Width Blank (Equal to Width of Module)
35-480	Punchdown tool, BT reference 2A

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**

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www.excel-networking.com