EXCELLENCE IN NETWORKING

Excel Category 5e Unscreened Module - 6C

CAT 5e EXCEL

25 Year System Warranty

Supports Gigabit Ethernet

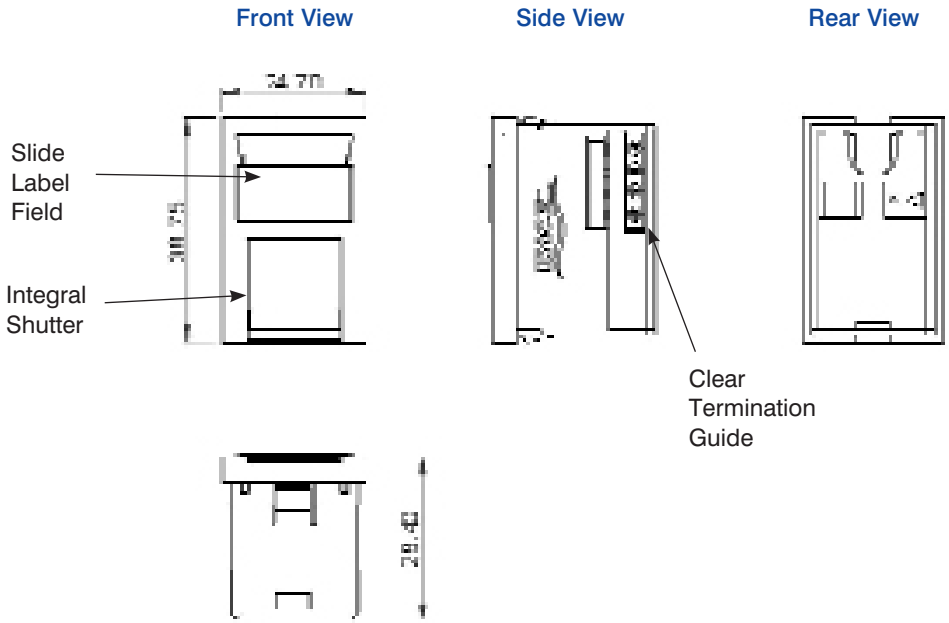
Built in Slide Label System

Features

- Category 5e
- Power Sum Compliant
- Built in Slide Label System
- Low Profile Design
- LSA Style Termination Blocks
- 25 Year System Warranty
- No.4 cabling system by market share, as reported by BSRIA

Product Overview

Excel Category 5e 6C RJ45 modules comply with the standards for enhanced Category 5. Each shuttered module is supplied with a slide label field and space above, this is allowed for use of self adhesive or further labelling if required. Termination can be made using LSA compatible tooling. The low profile and 6C cut out design makes this module ideal for installations in floor box environments or shallow dado trunking.



Performance Overview

Excel Category 5e Data Outlets are manufactured and tested to the current Category 5 enhanced standards as defined by the TIA and ISO 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.

Performance / Specification Table

Specification	Category 5e
Wiring Specification	T568B
Dimensions	24.7mm wide x 38.75mm high x 28.4mm deep
Installation Recommendation	Suits snap flat/angle mounting plate or minimum of 27mm back boxes when installed with beveled faceplate
RJ45 Jack	Min. life 750 insertions
RJ45 Jack	50 Micron Gold Plated contact pins
SIP Housing:	ABS 80% + AS 20% High-Impact UL94HB
Jack Housing:	PBT High-Impact UL94V-0 Thermoplastic, 30% Glass Fibre Filled
Shutter:	ABS 80% + AS 20% High-Impact UL94HB
IDC Plastic:	Polycarbonate Resin High-Impact UL94V-0 Thermoplastic
IDC Contacts	Suitable for LSA compatible tooling
IDC Contacts	Maximum 200 reterminations
IDC Compatibility:	22 to 26AWG Solid / 24AWG Stranded wire
NEXT at 100MHz	Category 5e 39.2dB @100MHz (Power Sum)
FEXT at 100MHz	Category 5e 30dB @100MHz (Power Sum)
Operating temperature range:	-10°C to 60°C
Storage temperature range:	-40°C to 68°C
Humidity:	10 - 90% Relative Humidity

System Warranty

When installed with Excel Patch Panels and Data Outlets by an accredited Excel Cabling Partner, this product is supported by a comprehensive 25 year product and applications warranty.

Typical Applications

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

Part Number Information

Part No.	Description
100-758	Excel RJ45 White 6C Module
35-480	Excel Punchdown tool, BT reference 2A

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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

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