Excel Office Category 6 Unscreened Module – Low Profile

excel
without compromise.

CAT6

X **25 Year System Warranty**

X **Supports Gigabit Ethernet**

X **Available in Office White & Charcoal Grey**

Features

- 25 Year System Warranty
- Available in Office White & Charcoal Grey
- Category 6 compliant
- Built in Slide Label System
- LSA Style Termination Blocks
- No.3 cabling system by market share, as reported by BSRIA

- Supports Gigabit Ethernet
- Excel Office Product colour matched
- One Piece, Snap-in Design
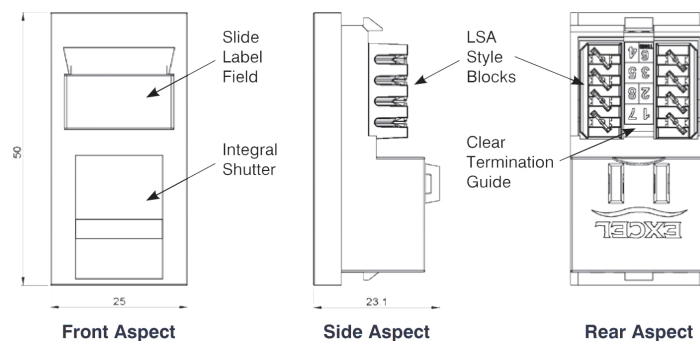- Low Profile Design
- 25 x 50mm Euromod Size

Product Overview

The Excel Office Category 6 Low Profile RJ45 module has been designed to fit with the Excel Office Range of mounting hardware, which brings style and enhanced aesthetics to any Excel installation, thanks to the its curved plate finish and built in labeling fields.

Excel Category 6 Low Profile RJ45 modules comply with the Category 6 performance standards. 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 design makes this module ideal for installations in shallow dado trunking.

The range is available in Office White or Charcoal Grey. These two colour options permit the assembly of the telecommunication outlets to contrast with the wall finish if required to comply with the Equality Act 2010 and Part M of the Building Regulations. As all of the components are available in Office White & Charcoal Grey the telecommunications outlet can comprise of any combination:

- White Shutter / Module & White Faceplate
- Grey Shutter / Module & White Faceplate
- White Shutter / Module & Grey Faceplate
- Grey Shutter / Module & Grey Faceplate

Slide Label Field

Integral Shutter

LSA Style Blocks

Clear Termination Guide

EXCEL

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

Performance Overview

Excel Category 6 Data Outlets are manufactured and tested to the Category 6 performance 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 6
Wiring Specification:	T568A & T568B
Dimensions:	25mm Wide x 50mm High x 23.1mm Deep
Installation Recommendation	Suits minimum of 15mm Back Boxes when installed with Bevelled Faceplate
RJ45 Jack:	Min. life 700 insertions
RJ45 Jack:	50 Micro-inch Gold Plated contact pins
Module Housing:	ABS 80% + AS 20% High-Impact UL94HB
Light Reflective Value (LRV)	approx 40 % (Charcoal Grey)
Jack Housing:)	PBT High-Impact UL94V-0 Thermoplastic, 15% Glass Fibre Filled
IDC Plastic::	Polycarbonate Resin High-Impact UL94V-0 Thermoplastic
IDC Contacts:	Suitable for LSA compatible tool
IDC Contacts	Maximum 100 reterminations
IDC Compatibility:	22 to 26$_A$WG Solid / 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:	10 - 90% Relative Humidity

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
100-276	Office Category 6 Unscreened Module - Low Profile, White
100-276-GE	Office Category 6 Unscreened Module - Low Profile, Grey

Other Excel Office Range Products

Part No.	Description
100-270	Office Single Gang Faceplate complete with 2 half blanks - White
100-271	Office Double Gang Faceplate complete with 2 half blanks - White
100-275	Office Category 5e Unscreened Module - Low Profile, White
100-280	Office Angled Keystone Shutter 25 x 50 mm - White
100-270-GE	Office Single Gang Faceplate complete with 2 half blanks - Grey
100-271-GE	Office Double Gang Faceplate complete with 2 half blanks - Grey
100-275-GE	Office Category 5e Unscreened Module - Low Profile, Grey
100-280-GE	Office Angled Keystone Shutter 25 x 50 mm - Grey

Related Products

Part No.	Description
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**