

✕ 25 Year System Warranty

✕ Supports Gigabit Ethernet

✕ Available in Office White & Charcoal Grey

## Features

- 25 Year System Warranty
- Available in Office White & Charcoal Grey
- Category 5e 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

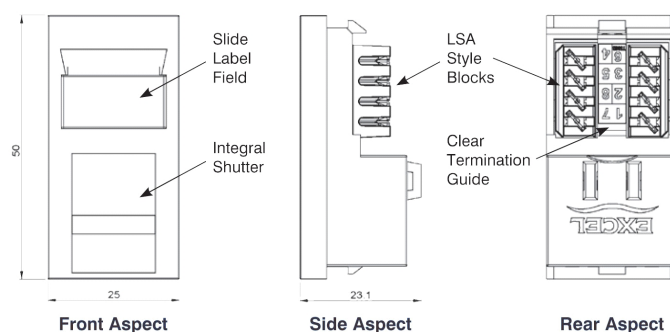
## Product Overview

The Excel Office Category 5e 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 its curved plate finish and built in labeling fields.

Excel Category 5e Low Profile 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 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
- White Shutter / Module & Grey Faceplate
- Grey Shutter / Module & White Faceplate
- Grey Shutter / Module & Grey Faceplate



## 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:        | 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 Contacts:                | Suitable for LSA compatible tooling                                     |
| IDC Contacts:                | Maximum 100 reterminations                                              |
| IDC Compatibility:           | 22 to 26AWG Solid / 24AWG Stranded wire                                 |
| NEXT at 250MHz               | Category 5e 40dB @100MHz (Power Sum)                                    |
| FEXT at 250MHz               | Category 5e 32dB @100MHz (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                                               |
|------------|-----------------------------------------------------------|
| 100-275    | Office Category 5e Unscreened Module - Low Profile, White |
| 100-275-GE | Office Category 5e 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 |
| 100-276    | Office Category 6 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  |
| 100-276-GE | Office Category 6 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](mailto:sales@excel-networking.com)

