

✕ 25 Year System Warranty

✕ Supports Gigabit Ethernet

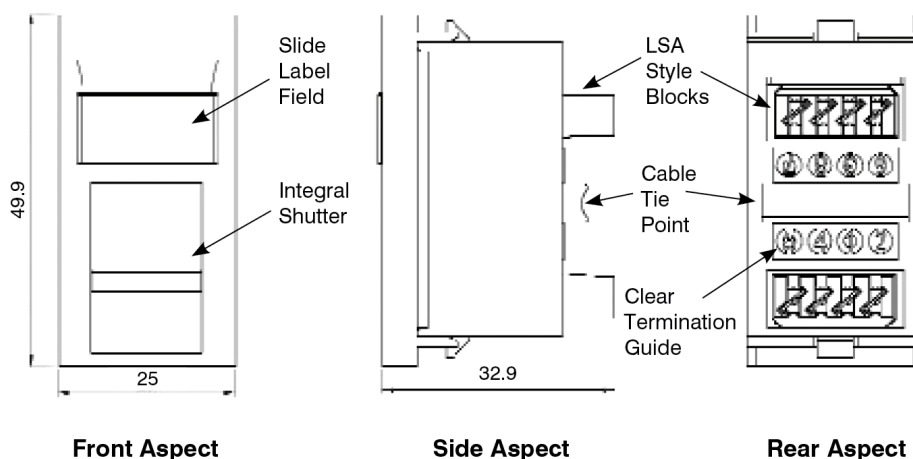
✕ Standard Euromod Size

## Features

- 25 Year System Warranty
- Standard Euromod Size
- Backward Compatible
- Integral Cable Tie Position
- No.2 cabling system by market share, as reported by BSRIA
- Supports Gigabit Ethernet
- Category 6
- Built in Slide Label System
- LSA Style Termination Blocks
- 25 x 50mm Euromod Size

## Product Overview

Excel Category 6 UTP modules are 25mm x 50mm standard Euromod size. Each shuttered module is supplied with a slide label field. Termination can be made using LSA compatible tooling, a cable tie base is positioned between the IDC blocks to relieve cable stress. The orientation of the cable termination makes the module ideal for dado rail containment installations. The module is cased in a high quality ABS plastic and is suitable for mounting in a variety of plates and housings.



## 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.

## Typical Applications

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

## Performance / Specification Table

Specification:	Category 6
Wiring Specification:	T568A & T568B
Dimensions:	25mm wide x 50mm high x 33mm deep
Slide Label Dimensions:	17 mm wide x 12 mm high
Installation Recommendation	Suits minimum of 27mm back boxes when installed with beveled faceplate
RJ45 Jack:	Min. life 750 insertions
RJ45 Jack:	50 Micro-inch 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
IDC Plastic:	Polycarbonate Resin High-Impact UL94V-0 Thermoplastic
IDC Contacts:	Suitable for LSA compatible tool. Maximum 200 reterminations
IDC Compatibility:	22 to 26AWG Solid / 24AWG Stranded wire
NEXT at 250MHz	Category 6 38.80dB @250MHz (Power Sum)
FEXT at 250MHz	Category 6 29.60dB @250MHz (Power Sum)
Operating Temperature Range:	-10°C to 60°C
Storage Temperature Range	-40°C to 68°C
Humidity:	10 - 90% Relative Humidity

## Part Number Information

Part No.	Description
100-300	Category 6 Unscreened RJ45 Module - White
100-298	Category 6 UnShielded RJ45 Module - Black

## 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)

