

Excel Category 6 Unshielded Twisted Pair (UTP) Module



25 Year System Warranty

Category 6 Compliant

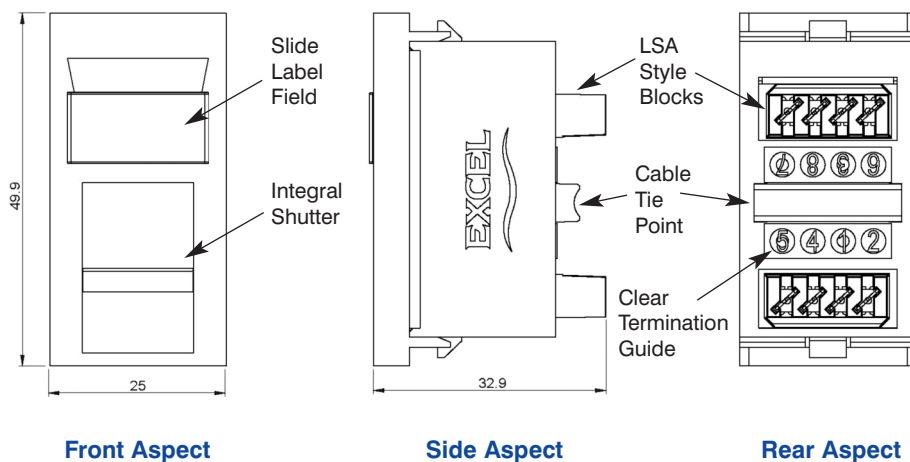
- TIA/EIA 568-B.2-1
- EN50173-1
- ISO/IEC 11801

Features

- Category 6 compliant
- Backward Compatible
- One Piece, Snap In Design
- Built in Slide Label System
- Integral Cable Tie Position
- LSA Style Termination Blocks
- 25 year system warranty
- BSRIA Number 1 private label, by market share for the last three years

Product Overview

Excel Category 6 UTP modules are manufactured and tested to the TIA/EIA 568-B.2-1, EN50173-1 and ISO/IEC 11801.2 Category 6 specifications. 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 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 defined by the EIA/TIA, ISO and EN standards bodies. A range of performance characteristics are tested up to 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: | TIA 258A/568B |
| Dimensions: | 25mm wide x 32.9mm deep x 49.9mm high |
| Installation Recommendation: | Suits minimum of 27mm back boxes when installed with beveled faceplate |
| RJ45 Jack: | Min life expectancy 750 insertions |
| RJ45 Jack: | 50 Micron Gold Plated contact pins |
| IDC Contacts: | Suitable for LSA compatible tooling. Maximum 200 reterminations |
| NEXT at 250MHz | Category 6 38.80dB @250MHz (Power Sum) |
| FEXT at 250MHz | Category 6 29.60dB @250MHz (Power Sum) |

System Warranty

When installed with Excel Category 6 cables and components by an accredited Excel Cabling Partner, this product is supported by a comprehensive 25 year product and applications warranty. This warranty assures not just standard compliance but also backward compatibility with Category 5 and 5e cables and components.

Typical Applications

- 100 Base-TX
- 1000 Base-TX Gigabit Ethernet
- Composite Video
- Token Ring
- 155 Mbps ATM
- 622 Mbps ATM

Part Number Information

| Part No. | Description |
|----------|------------------------------------|
| 100-300 | Excel Category 6 White RJ45 Module |