

## Excel Plus Category 6 Modular Panel



25 Year System Warranty

Supports Gigabit Ethernet

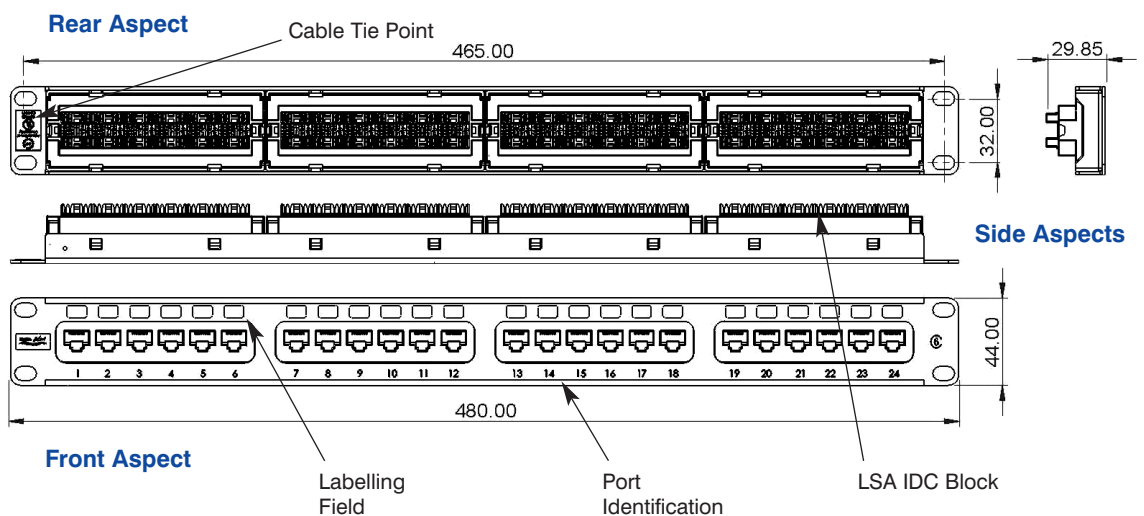
Snap on Tool-less Rear

### Features

- Category 6 compliant
- Totally modular tool-less design
- Snap on tool-less rear cable management included as standard
- Option to buy unloaded frame and modules for increased flexibility
- 25 Year System Warranty
- BSRIA Number 1 private label, by market share for the last three years

### Product Overview

The new Excel Plus Cat6 modular patch panel is designed around 4 high quality housings each containing 6 x RJ45 outlets, which are snapped in to the 19" frame without the need for tooling of any type. Available either pre-loaded for standard installations which may require the built in modularity for future use or as an unloaded frame and compatible 6 way blocks. Purchasing in this way allows maximum design flexibility especially for pre-terminated solutions and smaller installs such as retail where a fully loaded 24 port panel may not be necessary.



## Performance Overview

The Excel Plus Cat6 Modular Patch Panel is 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 box 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 568A/568B
Port Density	24
Dimensions	480mm wide x 29.85mm deep x 44mm high
Installation Recommendation	Suits standard EIA 19" rack
RJ45 Jack	Min. life 750 insertions
RJ45 Jack	50 Micron Gold Plated contact pins
IDC Contacts	Suitable for 110 compatible tooling. Maximum 200 reterminations
NEXT at 250MHz	Category 6 43.80dB @250MHz (Power Sum)
FEXT at 250MHz	Category 6 33.70dB @250MHz (Power Sum)

## System Warranty

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

## Typical Applications

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

## Part Number Information

Part No.	Description
100-015	Excel Plus 24 Port 1u Cat6 Modular Patch Panel Black
100-016	Excel Plus 4 way Black Modular Patch Panel Frame
100-017	Excel Plus 6 way Modular Block for use in 100-016