Excel Category 5e Unscreened Patch Panels

excel
without compromise.

CAT5ᵉ

- X **25 Year System Warranty**
- X **Supports Gigabit Ethernet**
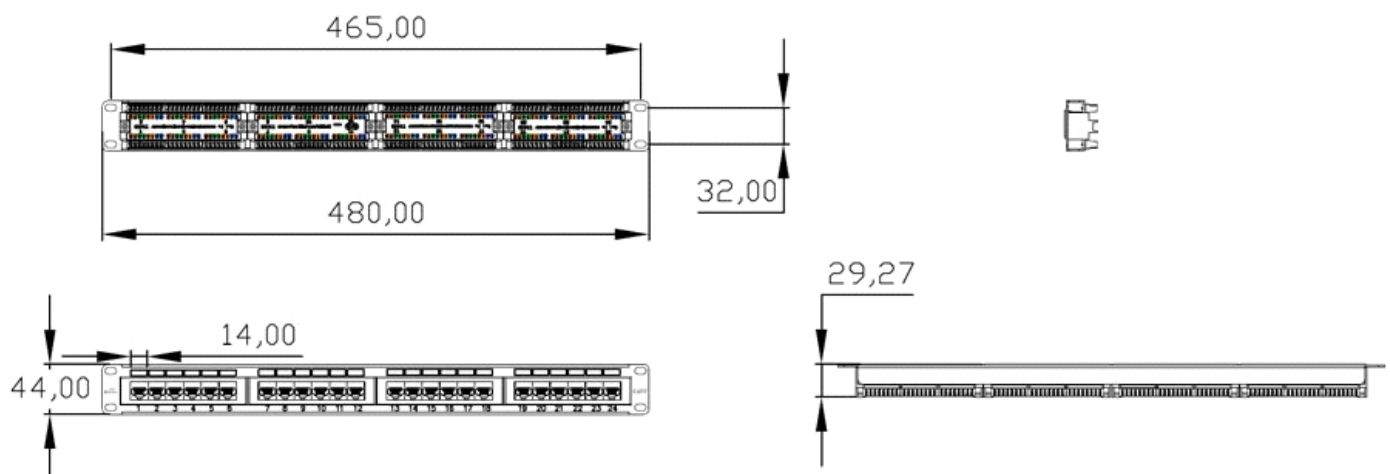- X **Choice of Colour**

Features

- 25 Year System Warranty
- Category 5e compliant
- Choice of Port Density
- Choice of Colour
- Pre Printed 1-96 Self Adhesive Labelling included

- Supports Gigabit Ethernet
- Power Sum Compliant
- Choice of Labelling System
- LSA Style Termination Blocks
- No. 3 cabling system by market share, as reported by BSRIA

Product Overview

Excel Category 5e Patch Panels comply with the currrent standards for enhanced Category 5. Each panel offers a choice of labelling with the option to use the screen printed fields on the panel facia or the slide label system or pre printed 1-96 labelling scheme which is enclosed with each panel. Ease of installation is assured with ample rear cable management positions and LSA IDC blocks. A choice of port density – 16 & 24 Port 1U, 48 Port 2U or 3U – is available to suit all applications. Each panel is available in a choice of colours to allow identification of either applications, departments or services. Cage nuts and mini cable ties are included with each panel.

24 Port Patch Panel

Performance Overview

Excel Category 5e Patch Panels are manufactured to 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.

Typical Applications

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

Performance / Specification Table

Specification	Category 5e
Wiring Specification	T568A & T568B
Port Density	16 Ports or 24Ports Per 1U
Dimensions	480mm wide x 33mm deep x 44mm (1U) or 88mm (2U)
RJ45 Jack	Min life 700 insertions
RJ45 Jack	50 Micro inch Gold Plated contact pins
IDC Contacts	Suitable for LSA compatible tooling
Contact compatibility	22 to 26AWG Solid & 24AWG Stranded wires
Operating Temperature Range	-10˚C to 60˚C
Storage Temperature Range	-40˚C to 68˚C
Panel Material	SPCC - Black Powder Painting Coat Finish
Plastic Frame	ABS High Impact UL94V-0 Thermoplastic
Jack Housing	PBT High Impact UL94V-0 Thermoplastic, 30% Glass Fibre Filled
IDC Plastic	Polycarbonate High Impact UL94V-0 Thermoplastic
NEXT at 100MHz	Category 5e Specification 43dB @100MHz (Worst Pair)
FEXT at 100MHz	Category 5e Specification 35dB @100MHz (Worst Pair)

Part Number Information

Part No.	Description
100-720	Category 5e Unscreened Patch Panel, 16 Port, 1u, Black
100-724	Category 5e Unscreened Patch Panel, 48 Port, 3u, Black
100-726	Category 5e Unscreened Patch Panel, 24 Port, 1u, Black
100-728	Category 5e Unscreened Patch Panel, 48 Port, 2u, Black
100-450	Category 5e Unscreened Patch Panel, 24 Port, 1u, Blue
100-451	Category 5e Unscreened Patch Panel, 24 Port, 1u, Red
100-452	Category 5e Unscreened Patch Panel, 24 Port, 1u, Green
100-453	Category 5e Unscreened Patch Panel, 48 Port, 2u, Blue
100-454	Category 5e Unscreened Patch Panel, 48 Port, 2u, Red
100-455	Category 5e Unscreened Patch Panel, 48 Port, 2u, Green

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**

www.excel-networking.com