

X 25 Year System Warranty

X Through Coupler

X Supports Gigabit Ethernet

Features

- 25 Year System Warranty
- Supports Gigabit Ethernet
- Power Sum Compliant
- RJ45 Ports and rear
- Through Coupler
- Category 5e
- Ports numbered 1-24
- No.2 cabling system by market share, as reported by BSRIA

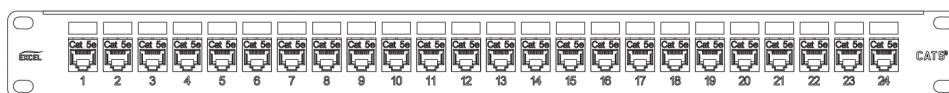
Product Overview

Excel Category 5e Through Coupler Patch Panels offers RJ45 to RJ45 jack connectivity between the front and rear of the patch panel. The patch panel is ideal for providing a cross connect for network equipment with the simple fitting of patch cords rather than switch link looms. Each panel has the port number screen printed below the port with an area to add the port identification above. The design lends itself for the easy application of a bespoke engraved label above and below the ports to suit the installation requirement. Cage nuts and machine screws are included with each panel.

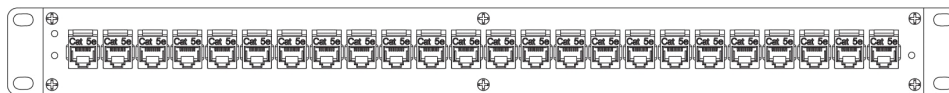
Plan View



Front View



Rear View



Side View



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.

Typical Applications

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

Specification Table

Specification	Category 5e
Wiring Specification	RJ45 to RJ45 straight through
Port Density	24 Port 1U
Dimensions	480mm Wide x 44mm High x 29.4 mm Deep
RJ45 Jack	750 mating cycles
RJ45 Jack	50 Microinch Gold Plated contact pins
RJ45 Coupler Housing	ABS High-Impact UL94V-0 Thermoplastic
RJ45 Contact Housing	ABS High-Impact UL94V-0 Thermoplastic
Panel	SPCC Black Powder Painting Coat Finish
Operating Temperature Range	-10°C to 60°C
Storage Temperature Range	-40°C to 68°C
Humidity	10% to 90% non condensing

Part Number Information

Part No.	Description
100-309	Category 5e Unscreened Through Coupler Patch Panel, 24 Port, 1U, RJ45 to RJ45, Black

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.



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OPTICAL and COPPER WIRING

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