

Excel Cat6A 24 Port Unscreened Patch Panel 1U 110 Punch Down Black

Item Code: 100-155

excel
without compromise.



✕ Backwards compatible

✕ Rear cable management

✕ Cage nuts and mini cable ties included

✕ T568A/B Wiring Configuration

✕ 110 Style Termination Blocks

✕ CIBSE TM65 Embodied Carbon: 22.499 kg CO2e

Product Overview

The Excel Category 6A Unscreened Twisted Pair Patch Panels are presented as 24 staggered RJ45 ports to limit the alien crosstalk produced when installed. The front of the panel is moulded from a UL 94V-0 rated ABS plastic which contains the new easy to use slide label system. Each block of 6 sockets has its own label which can be removed from the top of the covered label field. The label strip itself is protected by a clear, tough plastic insert. Termination can be made using 110 compatible tooling.

Product Specifications

| Feature | Values |
|---------------------------|-----------------------------|
| Number of ports - loaded | 24 |
| Type of connector | RJ45 8(8) |
| Shielded | no |
| Category | 6A (IEC) |
| Connection type | 110 |
| Number of rack units (RU) | 1 |
| Colour | Black |
| Mounting method | 482.6 mm (19 inch) mounting |
| Height | 43.65 mm |
| Width | 482.6 mm |
| Depth | 30.9 mm |

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Additional specifications

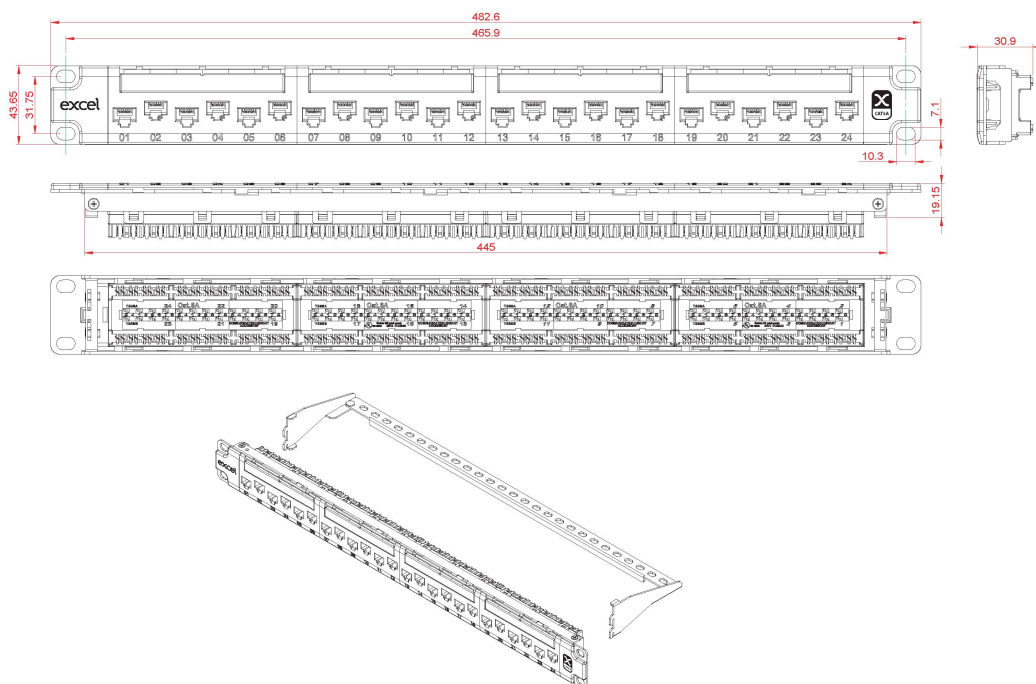
| Features | Values |
|---------------------------------|---|
| Wiring Specification | T568A/T568B |
| RJ45 Jack Min life expectanc | 750 insertions |
| RJ45 Jack contact | 50 microinch gold over 100 microinch nickel undercoat |
| IDC Contacts Max life expectanc | 200 terminations |
| AWG | 22 - 24 |
| Operating Temperature | -10 °C to + 60 °C |
| Storage Temperature | -40 °C to + 68 °C |
| Panel Material | SPCC |
| Frame Material | ABS,UL94V-0 |
| Jack housing material | PC,UL94V-0 |
| IDC Material | Phosphor bronze, tin over nickel undercoat |

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Product drawing



Standards

| Applicable standard | Detail |
|---------------------------|---|
| ANSI/TIA 568-2.D | Balanced Twisted-Pair Telecommunications Cabling and Components Standards |
| ISO/IEC 11801-1:2017 | Information technology - Generic cabling for customer premises: Part 1 General Requirements |
| IEC 60603-7-41:2010 | Connectors for electronic equipment - Part 7-41: Detail specification for 8-way, unshielded, free and fixed connectors, for data transmissions with frequencies up to 500 MHz |
| EN 50173-1:2018 | Information technology. Generic cabling systems - General requirements |
| EN 50173-2:2007 + A1:2010 | Information technology. Generic cabling systems - Office premises |
| ANSI/EIA-310-E | Electronic Industries Association standard for horizontal spacing, vertical hole spacing, rack opening and front panel width |

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RoHS-II/-III (2011/65/EU & 2015/863): 2023

Our products, demonstrate full adherence to the regulatory stipulations of the EU Directive 2011/65/EU (RoHS-II) and its corresponding delegated directive 2015/863 (RoHS-III).

WFD: 2023

Compliant to Waste Framework Directive

SCIP: 2023

Compliant - Does Not Contain Substances of Concern In articles as such or in complex objects (Products)

POPs (EU) No 2019/1021

EU Regulation for the restriction of Persistent Organic Pollutants.

Part Number Table

| Part Number | Description |
|-------------|--|
| 100-155 | Excel Cat6A 24 Port Unscreened Patch Panel 1U 110 Punch Down Black |

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



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