

Excel Cat5e 24 Port Unscreened Through Coupler Patch Panel 1U Black

Item Code: 100-309

excel
without compromise.



✗ Category 5e

✗ Supports Gigabit Ethernet

✗ Power Sum Compliant

✗ RJ45 Ports front and rear

✗ Through coupler

✗ 25 Year system warranty

✗ CIBSE TM65 Embodied Carbon: 8.986 kg CO₂e

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.

Product Specifications

| Feature | Values |
|---------------------------|-----------------------------|
| Number of ports - loaded | 24 |
| Type of connector | RJ45 8(8) |
| Shielded | no |
| Category | 5E |
| Number of rack units (RU) | 1 |
| Colour | Black |
| Mounting method | 482.6 mm (19 inch) mounting |

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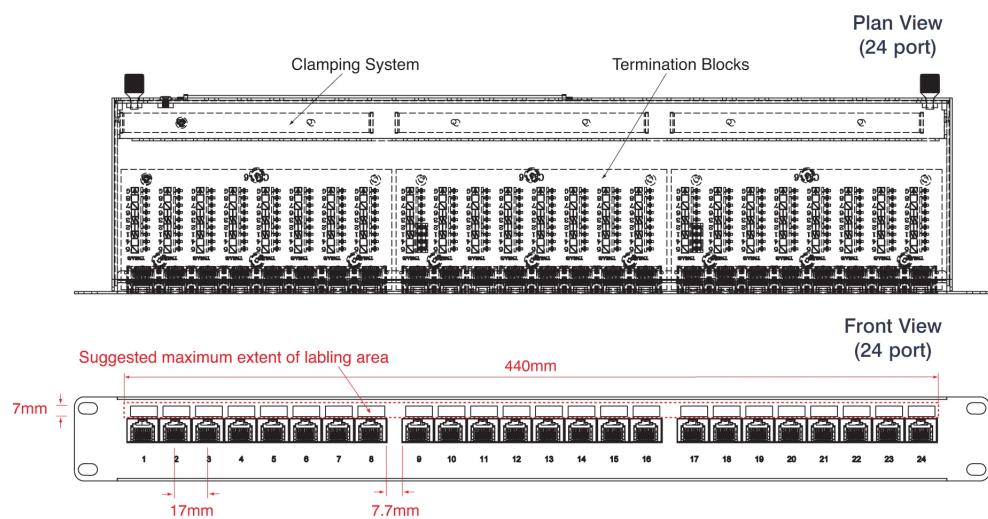
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| | |
|--------|---------|
| Height | 44 mm |
| Width | 480 mm |
| Depth | 29.4 mm |

Additional specifications

| Features | Values |
|----------------------------------|---|
| RJ45 Jack Min life expectancy | 750 insertions |
| RJ45 Jack contact | 50 microinch gold over 100 microinch nickel undercoat |
| IDC Contacts Max life expectancy | 200 terminations |
| Contact compatibility | 22 to 24 AWG |
| Operating Temperature Range | -10°C to 60°C |
| Storage Temperature Range | -40°C to 68°C |
| Relative Humidity | 10% to 90% |
| Panel material | SPCC |
| Jack housing material | PBT, 30% glass fiber filled |
| IDC material | Phosphor bronze, tin over nickel undercoat |

Product drawing



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Standards

| Applicable standard | Detail |
|--|--|
| ISO/IEC 11801-1:2017 | Information technology - Generic cabling for customer premises: Part 1 General Requirements |
| IEC 61156-5:2009+AMD1:2012 CSV | Multicore and symmetrical pair/quad cables for digital communications - Part 5: Symmetrical pair/quad cables with transmission characteristics up to 1 000 MHz - Horizontal floor wiring - Sectional specification |
| 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/TIA 568-2.D | Balanced Twisted-Pair Telecommunications Cabling and Components Standards |
| ANSI/EIA-310-E | Electronic Industries Association standard for horizontal spacing, vertical hole spacing, rack opening and front panel width |
| 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 |
|-------------|---|
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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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