

Excel Cat6 24 Port Unscreened Patch Panel 1U LSA Punch Down Cable Management Black

Item Code: 100-304

excel
without compromise.



Available in 24 or 48 ports

Backwards compatible

Rear cable management

LSA Style Right Angled Termination

Cage nuts and mini cable ties included

T568A/B Wiring Configuration

CIBSE TM65 Embodied Carbon: 16.254 kg CO2e

Product Overview

Excel Cat6 24 Port Unscreened Patch Panel 1U LSA Punch Down Black, available as part of a range of Cat6 Patch Panels in stock at Mayflex.

Excel Category 6 Unscreened Patch Panels have been designed to meet or exceed the latest ISO and TIA requirements for category 6 compliance.

Each panel has a screen printed labelling field positioned above each port, included with the panel is a pre-printed self-adhesive labelling sheet, pre-numbered 1- 96, for fast and easy labelling on site.

Termination can be made using LSA compatible tools, and cable tie bridges are positioned between the IDC blocks to relieve cable stress. Each panel consists of a number of 8 way blocks of RJ45 sockets, housed in a high quality plastic moulding.

Product Specifications

| Feature | Values |
|--------------------------|-----------|
| Number of ports - loaded | 24 |
| Type of connector | RJ45 8(8) |
| Shielded | no |
| Category | 6 |
| Connection type | LSA |

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| | |
|---------------------------|-----------------------------|
| Number of rack units (RU) | 1 |
| Colour | Black |
| Mounting method | 482.6 mm (19 inch) mounting |
| Height | 44 mm |
| Width | 480 mm |
| Depth | 33 mm |

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Additional specifications

| Features | Values |
|----------------------------------|---|
| Wiring Specification | T568A/T568B |
| 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 26AWG |
| Operating Temperature Range | -10°C to 60°C |
| Storage Temperature Range | -40°C to 68°C |
| Relative Humidity | 10% to 90% |
| Panel material | SPCC |
| Frame material | ABS |
| Jack housing material | PBT, 30% glass fiber filled |
| IDC material | Phosphor bronze, tin over nickel undercoat |

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 |
| Directive 2011/65/EU (RoHS II) | Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — compliant. Applies within EU member states). |
| Directive (EU) 2015/863 (RoHS III) | Amending Directive 2011/65/EU to add four phthalates |

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|----------------------------------|--|
| | (DEHP, BBP, DBP, DIBP) to Annex II — compliant. |
| Directive 2008/98/EC (WFD) | Waste Framework Directive — compliant. Implemented in the UK through the Waste (England and Wales) Regulations 2011 (SI 2011 No. 988). |
| ECHA SCIP Database | Compliant; product does not contain SVHCs (Substances of Very High Concern) as defined under REACH Article 33(1). Submission obligations met under EU REACH and UK REACH. |
| Regulation (EU) 2019/1021 (POPs) | EU Regulation on Persistent Organic Pollutants — compliant. For Great Britain, compliance is aligned with the Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020 (SI 2020 No. 1355). |
| UK SI 2012 No. 3032 | The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (UK RoHS) — compliant for Great Britain. Retained EU law, as amended by the Product Safety and Metrology (Amendment etc.) (EU Exit) Regulations 2019. |

Part Number Table

| Part Number | Description |
|-------------|--|
| 100-304 | Excel Cat6 24 Port Unscreened Patch Panel 1U LSA Punch Down Cable Management Black |
| 100-306 | Excel Cat6 48 Port Unscreened Patch Panel 2U LSA Punch Down Cable Management 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



E&OE. Excel is a registered trade name of Mayflex Holdings Ltd.