

# 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

## Product Overview

100-304 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                         |
| Number of rack units (RU) | 1                           |
| Colour                    | Black                       |
| Mounting method           | 482.6 mm (19 inch) mounting |

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

Item Code: 100-304



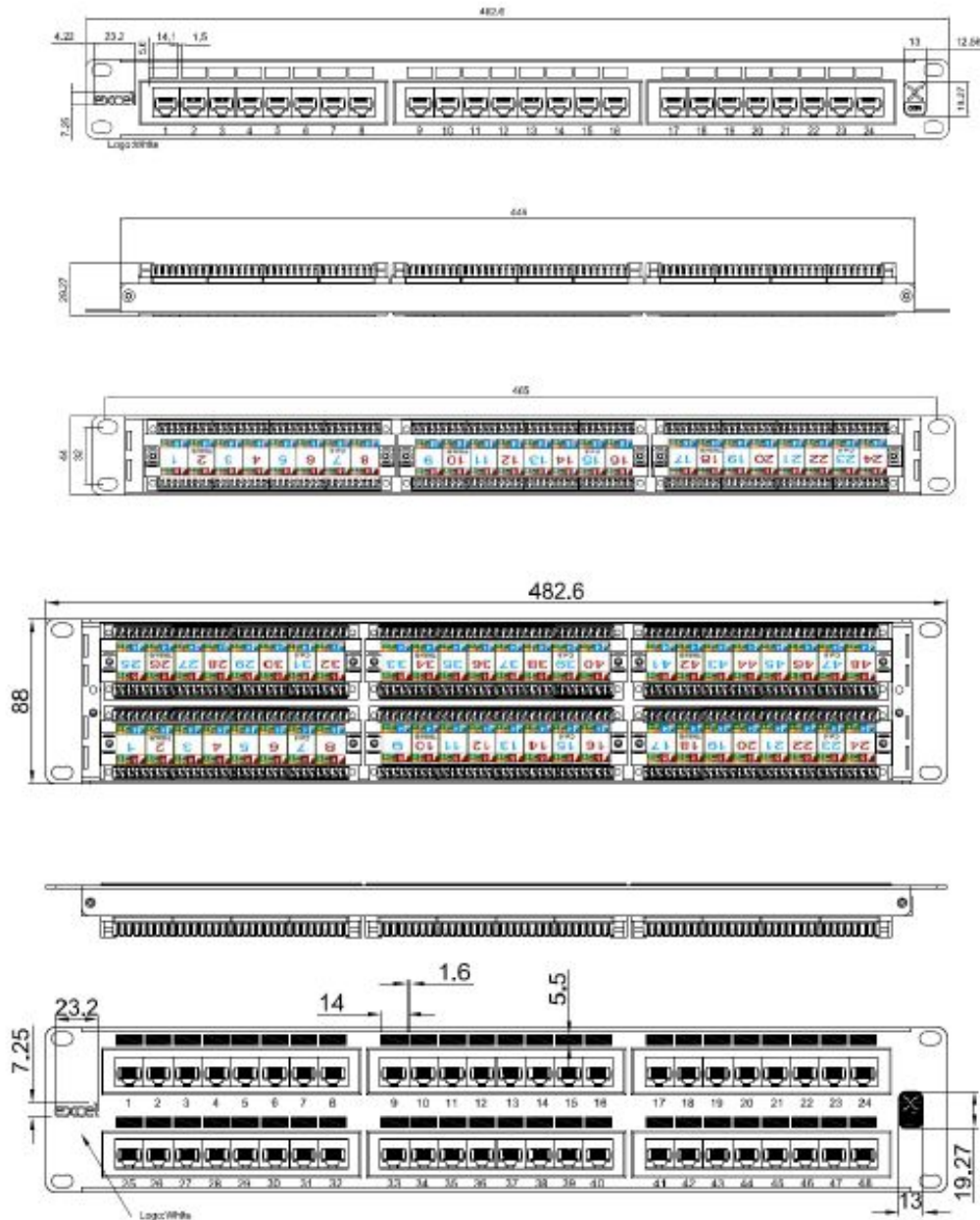
|        |        |
|--------|--------|
| Height | 44 mm  |
| Width  | 480 mm |
| Depth  | 33 mm  |

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

Item Code: 100-304



## Product drawing



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

Item Code: 100-304



## 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   |
| 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).                                    |

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

Item Code: 100-304



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  |
|-------------|--|
| 100-304     | 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](mailto:sales@excel-networking.com)



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