Excel Cat6 24 Port Unscreened Patch Panel 1U LSA Punch Down Right Angled Black

Part Code: 100-302

sales@excel-networking.com
excel-networking.com

CIBSE TM65 Embodied Carbon: 28.388 kg CO2e



Main Features

- / Available in 24 or 48 ports
- / Rear cable management
- / Cage nuts and mini cable ties included
- / Backwards compatible
- / LSA Style Right Angled Termination
- / T568A/B Wiring Configuration

Product Overview

Excel Cat6 24 Port Unscreened Patch Panel 1U LSA Punch Down Right Angled 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. Ease of installation is assured with built in rear cable management at a 90˚ angle to the panel facia.
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.

This data sheet was generated at 6:15pm 10th November 2026 and is subject to change at any time.

sales@excel-networking.com
excel-networking.com

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**
Height	**44 mm**
Width	**480 mm**
Depth	**96 mm**

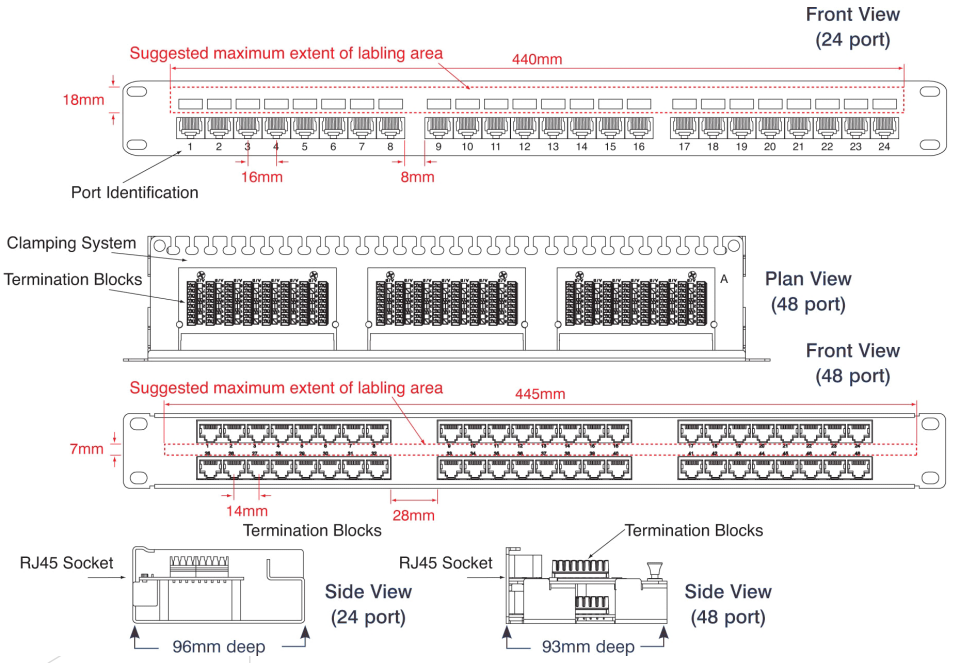
Additional specifications

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° to 60°C**
Storage Temperature Range	**-40° to 68°C**

This data sheet was generated at 6:15pm 10th November 2026 and is subject to change at any time.

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



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 -

This data sheet was generated at 6:15pm 10th November 2026 and is subject to change at any time.

	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 (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.

This data sheet was generated at 6:15pm 10th November 2026 and is subject to change at any time.

sales@excel-networking.com
excel-networking.com

Part Code Table

Part Code	Description
100-302	**Excel Cat6 24 Port Unscreened Patch Panel 1U LSA Punch Down Right Angled Black**
100-394	**Excel Cat6 48 Port Unscreened Patch Panel 1U LSA Punch Down Right Angled Black**

This data sheet was generated at 6:15pm 10th November 2026 and is subject to change at any time.