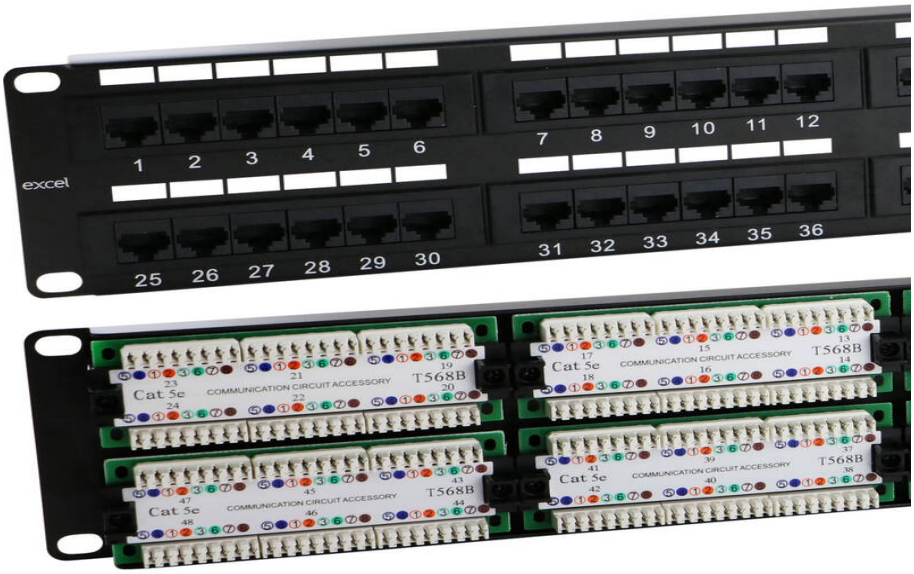
Excel Cat5e 48 Port Unscreened Patch Panel 2U LSA Punch Down Black

Part Code: 100-728

sales@excel-networking.com
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Main Features

- Category 5e
- LSA Style Termination Blocks
- 25 Year system warranty
- Cage nuts and mini cable ties included
- T568A/B Wiring Configuration
- Supports Gigabit Ethernet

Product Overview

Excel Category 5e Patch Panels comply with the current standards for enhanced Category 5. Each panel offers a choice of labelling with the option to use the screen printed fields on the panel facia or the slide label system or pre printed 1□96 labelling scheme which is enclosed with each panel.

Ease of installation is assured with ample rear cable management positions and LSA IDC blocks. A choice of port density - 16 & 24 Port 1U, 48 Port 2U (100-724 = 3U) - is available to suit all applications. Each panel is available in a choice of colours to allow identification of either applications, departments or services. Cage nuts and mini cable ties are included with each panel.

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Product Specifications

Feature	Values
Number of ports – loaded	**48**
Type of connector	**RJ45 8(8)**
Shielded	**no**
Category	**5E**
Connection type	**LSA**
Number of rack units (RU)	**2**
Colour	**Black**
Mounting method	**482.6 mm (19 inch) mounting**
Height	**88 mm**
Width	**480 mm**
Depth	**33 mm**

Additional specifications

Features	Values
Wiring Specification	**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**

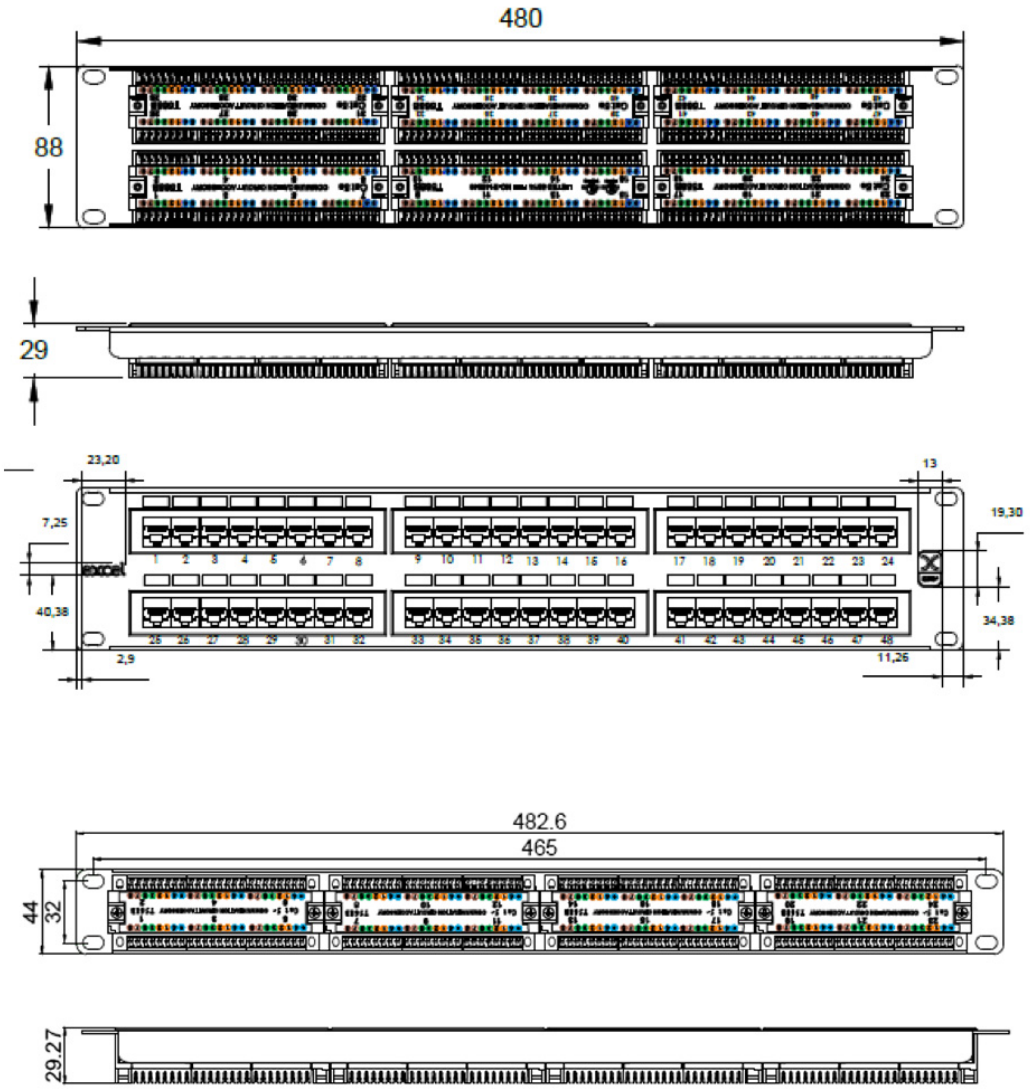
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Relative Humidity	**10% to 90%**
Panel material	**SPCC**
Frame material	**ABS**
Jack housing material	**PBT**
IDC material	**Phosphor bronze, tin over nickel undercoat**

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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
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).

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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 Code Table

Part Code	Description
100-450	**Excel Cat5e 24 Port Unscreened Patch Panel 1U LSA Punch Down Blue**
100-451	**Excel Cat5e 24 Port Unscreened Patch Panel 1U LSA Punch Down Red**
100-452	**Excel Cat5e 24 Port Unscreened Patch Panel 1U LSA Punch Down Green**
100-453	**Excel Category 5e Unscreened Patch Panel - 48-port, 2U - Blue**
100-454	**Excel Category 5e Unscreened Patch Panel - 48-port, 2U - Red**
100-455	**Excel Category 5e Unscreened Patch Panel - 48-port, 2U - Green**
100-722	**Excel Category 5e Unscreened Patch Panel - 32-port, 2U - Black**
100-724	**Excel Cat5e 48 Port Unscreened Patch Panel 3U LSA Punch Down Black**
100-726	**Excel Cat5e 24 Port Unscreened Patch Panel 1U LSA Punch Down Black**
100-728	**Excel Cat5e 48 Port Unscreened Patch Panel 2U LSA Punch Down Black**
100-748	**Excel Cat5e 24 Port Unscreened Patch Panel 1U LSA Punch Down Beige**

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