Excel Cat6A 24 Port Unscreened Patch Panel 1U 110 Punch Down Black

Part Code: 100-155

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CIBSE TM65 Embodied Carbon: 22.499 kg CO2e



Main Features

- / Backwards compatible
- / Cage nuts and mini cable ties included
- / 110 Style Termination Blocks
- / Rear cable management
- / T568A/B Wiring Configuration
- / CIBSE TM65 Embodied Carbon: 22.499 kg CO2e

Product Overview

The Excel Category 6A Unscreened Twisted Pair Patch Panels are presented as 24 staggered RJ45 ports to limit the alien crosstalk produced when installed. The front of the panel is moulded from a UL 94V-0 rated ABS plastic which contains the new easy to use slide label system. Each block of 6 sockets has its own label which can be removed from the top of the covered label field. The label strip itself is protected by a clear, tough plastic insert. Termination can be made using 110 compatible tooling.

Product Specifications

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Feature	Values
Number of ports – loaded	**24**
Type of connector	**RJ45 8(8)**
Shielded	**no**
Category	**6A (IEC)**
Connection type	**110**
Number of rack units (RU)	**1**
Colour	**Black**
Mounting method	**482.6 mm (19 inch) mounting**
Height	**43.65 mm**
Width	**482.6 mm**
Depth	**30.9 mm**

Additional specifications

Features	Values
Wiring Specification	**T568A/T568B**
RJ45 Jack Min life expectanc	**750 insertions**
RJ45 Jack contact	**50 microinch gold over 100 microinch nickel undercoat**
IDC Contacts Max life expectanc	**200 terminations**
AWG	**22 - 24**
Operating Temperature	**-10 °C to + 60 °C**
Storage Temperature	**-40 °C to + 68 °C**
Panel Material	**SPCC**

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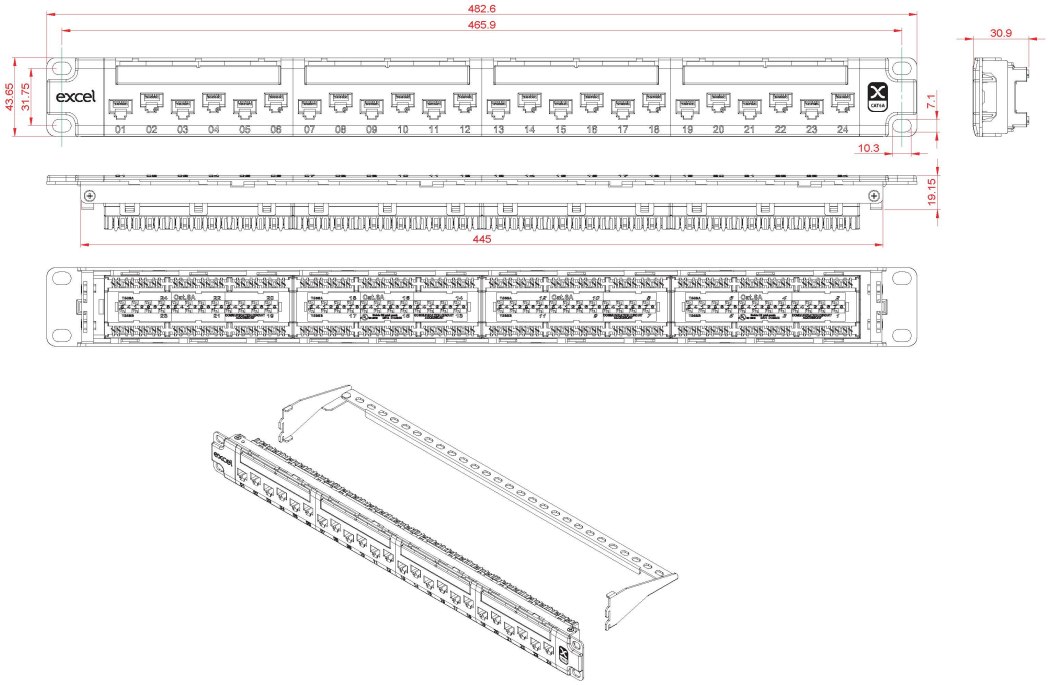
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Frame Material	**ABS,UL94V-0**
Jack housing material	**PC,UL94V-0**
IDC Material	**Phosphor bronze, tin over nickel undercoat**

Product drawing



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Standards

Applicable standard	Detail
ANSI/TIA 568-2.D	Balanced Twisted-Pair Telecommunications Cabling and Components Standards
ISO/IEC 11801-1:2017	Information technology - Generic cabling for customer premises: Part 1 General Requirements
IEC 60603-7-41:2010	Connectors for electronic equipment - Part 7-41: Detail specification for 8-way, unshielded, free and fixed connectors, for data transmissions with frequencies up to 500 MHz
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/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
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