

Excel Category 6A Unscreened PCB Punchdown Panel - 24 port, 1U - Black

Item Code: 100-155

excel
without compromise.



✕ Backwards compatible

✕ Rear cable management

✕ Cage nuts and mini cable ties included

✕ T568A/B Wiring Configuration

✕ 110 Style Termination Blocks

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

Feature	Values
Number of ports - loaded	24
Type of connector	RJ45 8(8)
Category	6A (IEC)
Connection type	110
Number of rack units (RU)	1
Colour	Black
Mounting method	19 inch mounting
Height	43.65 mm
Width	482.6 mm
Depth	30.9 mm

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Additional specifications

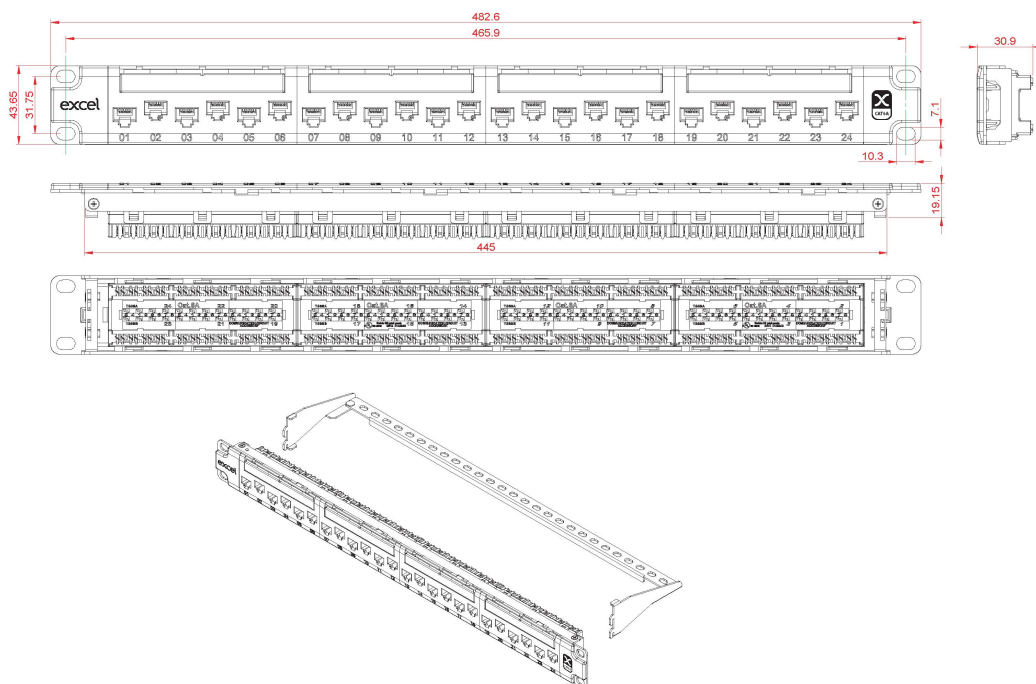
Features	Values
Wiring Specification	T568A/T568B
RJ45 Jack Min life expectanc	750 insertions
RJ45 Jack contact	50 microinch gold over 100 microinch nickel undercoat
IDC Contacts Max life expectanc	200 terminations
AWG	22 - 24
Operating Temperature	-10 °C to + 60 °C
Storage Temperature	-40 °C to + 68 °C
Panel Material	SPCC
Frame Material	ABS,UL94V-0
Jack housing material	PC,UL94V-0
IDC Material	Phosphor bronze, tin over nickel undercoat

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Product drawing



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

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RoHS	Restriction of Hazardous Substances - Compliant
WFD	Compliant to Waste Framework Directive
SCIP	Compliant - Does Not Contain Substances of Concern in Products

Part Number Table

Part Number	Description
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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



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