

Tech Data

PATCH PANEL

RJ
CAT. 6A STP

Description

High density STP Cat. 6A patch panel of up to 24 RJ shielded connectors. Designed to be installed in Racks 19".

Using for horizontal cabling, between active components and work area outlets.



- Exceed Cat. 6A requirements.
- High protection against electromagnetic interference.
- Available in 24 ports and 1RU.
- PoE compliant.
- Shielded enclosure type *Faraday Cage*
- T568-A and T568-B pair/pair assignment.
- To be used with solid conductors between 22-24 AWG.

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Applications

It supports all of LAN application, among others:

- 10G BASE T
- 1000 BASE T
- 100 BASE TX
- 100 BASE T4
- 10 BASE T
- Broadband
- RDSI
- Token Ring 100 Mbps
- Token Ring 4 and 16 Mbps

Physical Characteristics

Frame	Shield	Plastic	PCB
Material: Nickel Plating and print 1.5 t SPCC	Material: Copper alloy plated with tin. Thickness: 0.25 mm	Material: High Impact flame retardant plastic UL 94V-0 rated.	FR4 Thickness: 1.6 mm

Connector

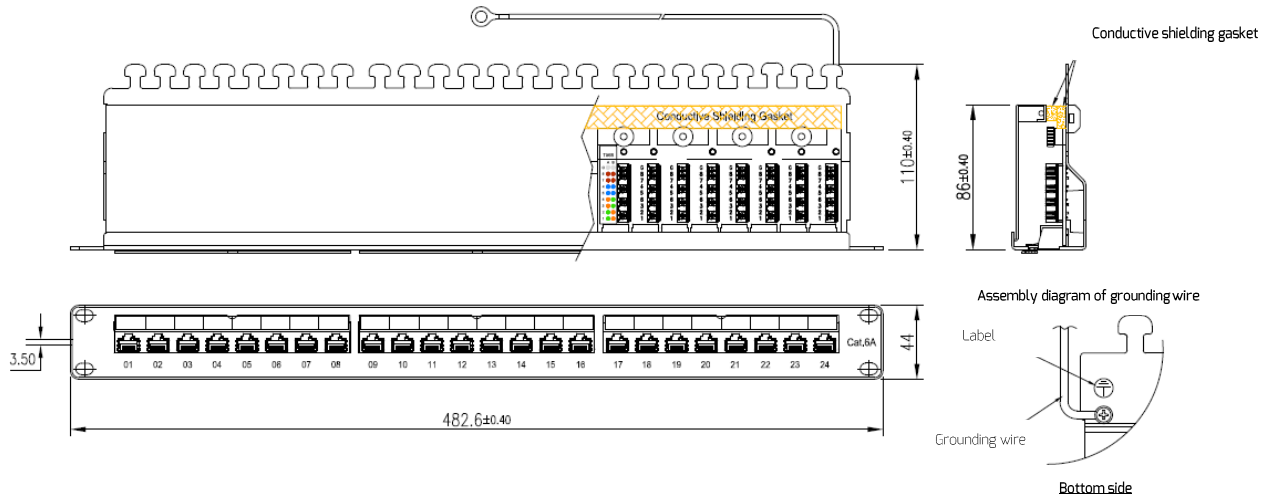
Insulation displacement connector (IDC) accept #22-26 AWG solid wire

Cover shield Material: Nickel plating 1.0 t SPCC	Contacts Material: Gold plating over nickel on copper wire.
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Mechanical Characteristics

Plug insertion life	750 Cycles Minimum
Plug & Jack contact force Using FCC-Approved plug	100 gr Minimum
Plug retention force	30 lbs Minimum
Temperature	-40 ° to 68 ° C

Electrical Characteristics

Current Rating	1.5 A
Insulating Resistance	500 M Ω Minimum
Contact Resistance	10 m Ω Maximum
DC Resistance	0.1 Ω Maximum
Shield Transfer Impedance @100 MHz	2000 m Ω Maximum
PoE	Class 4 (25.5 W)

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Environment

RoHS (*Restriction of Hazardous Substances*)

Directive 2002/95/CE

Applicable Normative

ANSI/TIA 568-C.2

Commercial Building Telecommunications Cabling Standard Part 2: Balanced twisted pair cabling, components and test procedures for Category 3 up to Category 6A.

IEC 60603-7-51

Connectors for electronic equipment - Part 7-51: Detail specification for 8-way, shielded, free and fixed connectors, for data transmissions with frequencies up to 500 MHz.

ISO/IEC 11801 2.2 edition

Information Technology – Generic Cabling For Customer Premises

CENELEC EN 50173-1:2011

Information technology - Generic cabling systems - Part 1: General requirements



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Web: www.pinanson.com
@: pinanson@pinanson.com

PINANSON S.L.
Avda. Constitucion, 40. Mondejar (Guadalajara). SPAIN.
Teléfono: +34 949 385 444 · Fax: +34 949 385 643

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For possible changes due to continuous product improvements; Pinanson S.L. reserves the right to change the showed data in this document without notice. The data presented here correspond to the time it was compiled.