# Essential-6 Patch Panels

**ESSENTIAL-6 PCB PATCH PANEL UNSCREENED 24 RJ45 CAT 6 REAR CONNECT BLACK**

**Aginode Ref:** N500.206

- Complies to the latest Category 6 standard
- 24 unshielded RJ45
- Punchdown termination from the rear
- Colour: Black
- UL listed
- Supplied with fixings, cable ties and cable stripping tool



## STANDARDS

IEC 60603-7-4
ISO/IEC 11801

## Application

The Essential-6 Rear Connect Panel is based on 19 inch frame dimensions and has 24 Category 6 RJ45 ports. It supports all Class E applications up to 250 MHz. When installed in conjunction with Essential-6 cable and outlets, a 25 year Class E Link Warranty can be obtained through the Aginode website.

## Design

The Essential-6 Rear Connect Panel is compatible with the complete Essential-6 range and is designed to be used with unshielded Category 6 cable with solid wire from 24 to 22 AWG. The panel has a textured black finishing. The RJ45 ports have screen-printed numbering 1-24 and a labeling surface for patch panel identification is foreseen on the right-hand side of each panel.

## Performance

The Essential-6 patch panels are compliant with the specifications of ISO/IEC 11801 and IEC 60603-7.

## Installation

- Fast and easy termination of IDC blocks with 110 or LSA+ punchdown tool
- Wiring according to colour code T568A or T568B.
- Supplied with fixings, cable ties and cable stripping tool.

*All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.*

- For detailed installation instructions, please refer to the Instruction Sheet enclosed with every panel.

| | |
|---|---|
| Contact resistance: | max. 20 m Ohm |
| Input to output DC resistance: | max. 200 m Ohm |
| Insulation resistance: | min. 500 M Ohm |
| Voltage proof: | 1000 V DC or AC peak, contact to contact |
| Mating cycles: | min. 750 |
| Insertion cycles: | min. 20 |
| Insertion and withdrawal force: | max. 20 N |

*All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.*

# Essential-6 PCB Patch Panel Unscreened 24 RJ45 Cat 6 Rear Connect Black

## Characteristics

| | |
|---|---|
| **Construction characteristics** | |
| Connector type | RJ45 and 110/LSA+ IDC |
| **Dimensional characteristics** | |
| Heightunit | 1 U |
| **Usage characteristics** | |
| Category | Cat. 6 |
| Component function | Patch panel |
| Number of ports | 24 |
| Range | essential-6 |

### ドキュメンテーション

Freetable Cat6 UNSHIELDED connectors additional characteristics.xls xls — 22 KB　ダウンロード

*All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.*