

# Essential-6 Patch Panels

- Complies to the latest Category 6 standard
- Punchdown from the top or the rear side
- Unshielded

## Application

The Aginode Essential-6 patch panels are based on 19" frame dimensions and have 24 Category 6 RJ45 ports on 1HU. They support Class E applications up to 250 MHz. When the panels are installed in conjunction with Essential-6 cable and outlets, a 25 year Class E Link Certificate can be obtained from the Aginode e-service site.

## Design

The Essential-6 patch panels are compatible with the complete Essential-6 range and can be used with all types of UTP Category 6 cable with solid wire from 22 to 24 AWG. The panels are available in either black or white finish.

## 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 by LSA+ punchdown tooling.
- Colour code T568A and T568B (Product dependent).
- Supplied with fixings and tie-wraps.





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





## STANDARDS

IEC 60603-7-4  
ISO/IEC 11801

## Product list

Aginode ref.	Country ref.	Name
 N424.610	-	Essential-6 Patch panel 1HU 24 Cat 6 ports, rear connection, black
 N424.613	-	Essential-6 Patch panel 1HU 24 Cat 6 ports, top connection, black
 N500.206	-	Essential-6 PCB Patch Panel Unscreened 24 RJ45 Cat 6 Rear Connect Black
 N500.206CH	-	Essential-6 PCB Patch Panel Unscreened 24 RJ45 Cat 6 Rear Connect Black with Cable Support Bar

 = Make to order,  = In Stock

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