# Essential-6 Outlet Modules

**ESSENTIAL-6 SINGLE OUTLET MODULE 25X50MM - LOW PROFILE STRAIN RELIEF**



**Aginode Ref:** N424.620

- Recommended for use in floorboxes and shallow backboxes
- Complies to the latest Category 6 standards
- 25x50mm dimensions
- Unshielded
- LSA+ termination
- UK white
- Cable Strain Relief
- Fits in all Aginode UK structural hardware

## STANDARDS

ISO/IEC 11801

## Application

The Aginode Essential-6 outlet modules are used to terminate horizonal floor cabling at the Terminal Outlet position, close to the user workspace. They can be used with all types of UTP Category 6 cable with solid wire from 22 to 24 AWG. The unshielded outlet modules are manufactured and tested to the latest Category 6 specifications and support Class E applications up to 250 MHz. When installed in conjunction with Essential-6 cable and patch panels, a 25 year Class E Link Certificate can be obtained from the Aginode e-service site.

## Design

Essential-6 outlet modules are compatible with the complete Essential-6 range and fit into all Aginode UK structural hardware. The spring shuttered modules come in glossy white finish, matching with most British style structural hardware. This Low Profile module is specifically designed to fit floorboxes and backboxes where depth is restricted.

Other modules of the same range have a regular deep profile and are available in a single port version (25x50mm and LJ6C) and a triple port version (50x50mm). The modules are equipped with transparent label holders fitted with a blank paper label for customised port identification.

## Performance

*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.*

The Essential-6 outlet modules are compliant with the specifications of ISO/IEC 11801: 2017.

## Installation

- Fast and easy termination by LSA+ punch-down tooling.
- Wiring according to colour code T568B.
- Centrally positioned tie wrap bridges ensure cable strain relief.
- Supplied with tie wraps.
- Labelling windows included.
- Fits in all Aginode UK structural hardware

| Frequency MHz | Insertion Loss dB/100m | NEXT PP dB | PS NEXT dB | ACR dB/100m | PS ACR dB/100m | ELFEXT dB/100m | PSELFEXT dB/100m | Return Loss dB |
|---|---|---|---|---|---|---|---|---|
| 1 | 4,0 | 65,0 | 62,0 | 65,0 | 62,0 | 63,3 | 60,3 | 19,0 |
| 4 | 4,2 | 63,0 | 60,5 | 58,9 | 56,4 | 51,2 | 48,2 | 19,0 |
| 10 | 6,6 | 56,6 | 54,0 | 50,0 | 47,4 | 43,3 | 40,3 | 19,0 |
| 16 | 8,3 | 53,2 | 50,6 | 44,9 | 42,3 | 39,2 | 36,2 | 18,0 |
| 20 | 9,3 | 51,6 | 49,0 | 42,3 | 39,7 | 37,2 | 34,2 | 17,5 |
| 31,25 | 11,7 | 48,4 | 45,7 | 36,7 | 34,0 | 33,4 | 30,4 | 16,5 |
| 62,5 | 16,9 | 43,4 | 40,6 | 26,5 | 23,7 | 27,3 | 24,3 | 14,0 |
| 100 | 21,7 | 39,9 | 37,1 | 18,2 | 15,4 | 23,3 | 20,3 | 12,0 |
| 155 | 27,6 | 36,7 | 33,8 | 9,1 | 6,2 | 19,5 | 16,5 | 10,1 |
| 200 | 31,7 | 34,8 | 31,9 | 3,1 | 0,1 | 17,2 | 14,2 | 9,0 |
| 250 | 35,9 | 33,1 | 30,2 | -2,8 | -5,8 | 15,3 | 12,3 | 8,0 |

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# Essential-6 single outlet module 25x50mm - Low Profile Strain Relief

## Characteristics

| | |
|---|---|
| **Construction characteristics** | |
| Screen | Unshielded |
| Connector type | RJ45 and LSA+ IDC |
| **Dimensional characteristics** | |
| Depth | 20 mm |
| Height | 50 mm |
| Width | 25 mm |
| **Usage characteristics** | |
| Range | essential-6 |
| Number of ports | 1 |

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