XPLORER™

XPLORER™ - PATCHING 1U

Aginode Ref: -

- Swiveling 1U module for patching
- Up to 48 SC and LC connections within 1U
- 19'' racks and cabinets
- Manufactured with fibre reinforced composite



The swivelling module pivotes around the axis of the fixed chassis. It is locked on the other side. With the pivoting function the depth of the panels is reduced to 235mm. A transparent cover closes the swivelling part, protects the fibre connectivity, allows for inspection without removal and can be installed/removed without tools.

The panels are symmetrical and can be configured as left or right swilling modules in the field.

STANDARDS

IEC 61753-1

Material and usage characteristics

The panels are made of fibre reinforced composite. This makes the panels more robust compared to traditional metal panels.

The panels are resistant against corrosion, Fungi, UV and the most important aggressive chemicals.

The reduced weight of the panel of around 1,5kg allows the panel to be installed by a single technician.

Density and adaptors

Different connector types and densities are supported. The maximum density is 48 fibre connections for SC and LC connectivity. The SC adaptors have translucent dust caps to allow for visual fault locator so that for instance subscribers and optical channels can be easily identified. The power reduction of the translucent dust caps is 3.5 dB. The LC adaptors have White dust caps that block the laser light.

Fixing of the Breakouts

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 panel is supplied with 2 fixing kits for break-outs with tie wraps:

- 1x break-out can be fixed in the fixed chassis
- 4x breakouts can be fixed in the swivelling part

The overlengths of the break-out legs can be arranged into management rings.

Patching

The patch cords are guided to the pivoting side with an integrated patch cord manager with vertical pillars to keep the patch cords inside. A front door protect the cords and is used as a labelling facility. A label is attached for identification of the different optical channels.

The panel is delivered with a spool kit. It is fixed on the side of the rack with metal cage nuts. The spool kit manages the cords nicely inside the cabinet.

Panel fixing

The panels are fixed inside racks with 9,5mm square slots with sockets and pawns that are toolless installed from the front. The fixed chassis and the lock are fixed on the front rail of the cabinets. In addition the fixed chassis is fixed on a support rear rail of the cabinet for enhanced stabilty during pivoting.

Metal cage nuts for 8,3mm and 9,5mm square slots are also supplied.

Green solution

Panels based on fibre reinforced composite have a significant lower environmental impact, especially during production.

The packaging and the protections inside the box are made of cardboard only. This results in a reduced volume of waste and easy waste treatment.

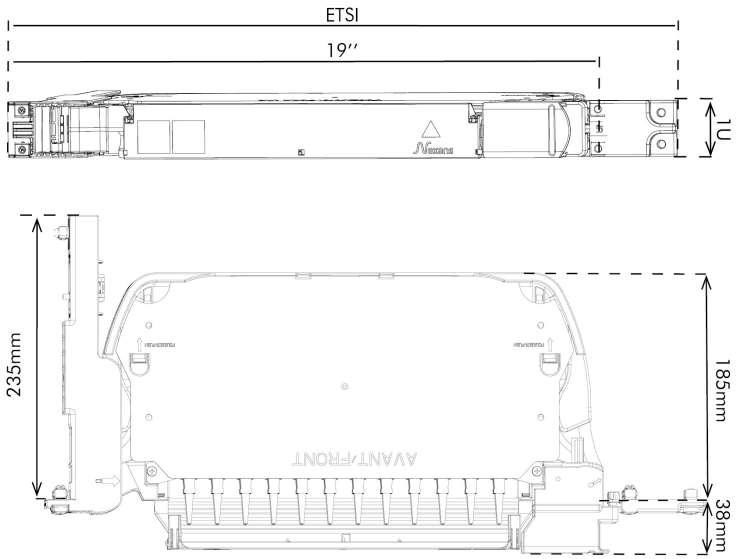
Available products XPLORER™ 1U - Patching

SAP-number	Description
13200081	XPLORER™ Patching Grade B 1U 12xSC/APC
13200060	XPLORER™ Patching Grade B 1U 24xSC/APC

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13200082	XPLORER™ Patching Grade B 1U 36xSC/APC
13200061	XPLORER™ Patching Grade B 1U 48xSC/APC
13200083	XPLORER™ Patching Grade B 1U 12xLC/APC
13200062	XPLORER™ Patching Grade B 1U 24xLC/APC
13200084	XPLORER™ Patching Grade B 1U 36xLC/APC
13200063	XPLORER™ Patching Grade B 1U 48xLC/APC

Dimensions XPLORER™ 1U



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Characteristics

Construction characteristics	
Cabinet format	19"
Colour	Light grey RAL 7035
Material	Thermoplastic
Dimensional characteristics	
Cable Diameter, range	5...19 mm
Depth	185 mm
Heightunit	1 U
Usage characteristics	
Chemical resistance	Hydrocarbons resistant
Fire retardant	UL94-V0
Function	Patching
Minimum static operating bending radius	30 mm
Operating temperature, range	-40...75 °C
U.V resistance	Yes

Documentation

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Selling & delivery Information

Delivery units - 1U : 72 units per palet - 3U and 4U : 20 units per palet

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