PRE: 24/48 Distribution Cabinet

Indoor / Outdoor Distribution Cabinet:

- versions for 24 or 48 subscribers
- installation on wall, pole or stand alone with a metallic riser (optional)
- Built-in wall box for discrete installation
- 1 cassette dedicated to splitters (patched or spliced)
- from 2 to 8 cassettes for subscriber management
- suitable for PON as P2P network architectures
- robustness and sobriety





STANDARDS

Aginode specification

The PRE 24/48 is a distribution cabinet designed to adapt to as much ground configuration as possible. Its use makes it possible to reduce the complexity of the deployments by proposing a unique reference which can be fixed on a wall, a pole or a riser as an autonomous cabinet.

The PRE 24/48 can be used indoors as well as outdoors (IP55).

Capacity

2 standard configurations are available: 24 or 48 OF. The number of cassettes, each accommodating up to 12 splices, is adapted to your needs and the network architecture used (PON or P2P).

Patching and splicing

3 separate zones make it possible to manage the body of the splitters (SOD), the conectors of the subscriber cables, and the coiling or splicing of the main and secondary cables (or pigtails). Depending on your needs, the PRE 24/48 can be configured in both patching and splicing versions.

Quality materials

While the body of the PRE 24/48 is made of polyester reinforced with fiberglass ensuring a lightness, waterproofness (IP55) and shock abatement (IK10), the moving parts are metallic to guarantee an optimal lifetime of the assembly when intensive uses.

Cable management

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.

Functional characteristics	**Fiber types**	G.652.D or G.657.Ax (30 mm bending radius into cassettes)
	Admissible cables number and diameter	Feeder cables : 3 inputs for cables up to Ø14mm Drop cables : 16 outputs for cables Ø4-6mm *The bottom plate managing cables inputs and outputs has been designed to be customized on demand for managing most of the cable sizes*
	Splicing capacity	Up to 8 splice casettes for a total of 96 splices
	Splitting capacity	Up to 6 splitters 1:8 or lower. Preterminated or not
	Patching capacity	Up to 48 OF patching, using 24 SC duplex adapters. LC adapters customized on demand

Cabinet overview

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- 1. Clamping kit
- 2. Coiling ring
- 3. Splitters holders
- 4. Patch panel
- 5. Coiling ring
- 6. Lock lever
- 7. Parking area
- 8. Organiser 8 cassettes (delivered as standard)
- 9. Seals
- 10. Network cable entry
- 11. Box

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Provided Kits and combs

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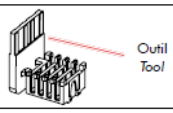
		Qté / Qty
Kit de fixation murale : – Supports de fixation – Vis hexagonale – Vis standard – Écrous		*Wall mounting kit:* – *Mounting brackets* – *Hexagonal screws* – *Standard screws* – *Nuts*	 **4** **8** **4** **4**
Kit de fixation sur poteau : – Équerres de fixation – Rails en C – Cerclage metallique – Vis hexagonale – Écrous		*Pole mounting kit:* – *Mounting brackets* – *C rails* – *Metallic strapping* – *Hexagonal screws* – *Nuts*	 **4** **2** **2** **8** **4**
Kit de guidage des câbles : – Anneaux de lovage		*Cables routing kit:* – *Coiling rings*	 **15**
Kit d'arrimage : – Colliers plastique – Vis		*Clamping kit:* – *Plastic ties* – *Screws*	 **12** **6**
Kit d'entrée et de sortie de câble : – Passe câbles à étages – Passe câble 4 trous – Rivets plastique – Vis en inox – Plaque metallique		*Input and output cable kit:* – *Plugs* – *4 holes grommet* – *Plastic rivets* – *Inox screws* – *Metallic plates*	 **3** **4** **2** **4** **2**
Kit coupleur : – Support coupleurs – Plaque métallique – Élastique – Rivets plastique		*Splitter kit:* – *Splitters holder* – *Metallic plate* – *Elastic* – *Plastic rivets*	 **1** **1** **1** **2**

Numéro du peigne ***Comb number***		**Ø des tubes ou pigtails** ***Ø of tubes or pigtails***	Qté / Qty
Peigne plastique *Plastic comb*		Ø 900µm	**16**
Peigne plastique #1 #2 #3 *Plastic comb* *#1 #2 #3*		Ø 1.6mm Ø 2.4mm Ø 2.8mm	**3** **3** **3**
Peigne plastique #5 *Plastic comb* *#5*		Ø 5mm	**8**

Metallic riser (optional)

In order to fixe the PRE 24/48 on a concrete base, as and stand alone cabinet, a metallic riser can be supplied in option.

Aginode Reference : 10279503

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Pole mounting kit (optional)

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As an option, the PRE 24/48 can be delivered with a pole mounting kit.

Aginode Reference: 10279749

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PRE: 24/48 Distribution Cabinet

CHARACTERISTICS

Construction characteristics	
Colour	Light grey RAL 7035
Material	Polyester loaded with glass fibre
Dimensional characteristics	
Depth	200 mm
Height	400 mm
Length	300 mm
Cable Diameter, range	... mm
Max. number of cassettes	8
Splice number	96
Approximate net weight	6.3 kg
Maximum number of adaptators	48
Mechanical characteristics	
IK Rating	10
Usage characteristics	
Operating temperature, range	-25...70 °C
U.V resistance	Yes
Installation type	Indoor/Outdoor
Watertightness	IP 55

Resources

Documentation

INSTRUCTIONS 24/48 DISTRIBUTION CABINET pdf — 3.37 MB Download

INSTRUCTIONS METALLIC RISER pdf — 401.8 KB Download

Selling & delivery Information

Delivery in unit package. Metallic riser for stand alone installation sold and delivered separtely.

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Product list

	Aginode ref.	Country ref.	Name	U.V resistance
	10279411	-	PRE 48 OF	Yes
		-	PRE 24 OF	Yes

= Make to order, = In Stock

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