PRE: 24/48 Distribution Cabinet

PRE 48 OF



Aginode Ref: 10279411

Indoor / Outdoor Distribution Cabinet:

- version for up to 48 subscribers
- installation on wall, pole or stand alone with a metallic riser (optional)
- 1 cassette dedicated to splitters (patched or spliced)
- 8 cassettes for subscriber management
- suitable for PON as P2P network architectures

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

Capacity

This configuration is made to manage up to 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 48 can be configured in both patching and splicing versions.

Quality materials

While the body of the PRE 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.

STANDARDS

Aginode specification

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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##image:113952:center##

Provided Kits and combs

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

Numéro du peigne ***Comb number***		**Ø des tubes ou pigtails** ***Ø of tubes or pigtails***	Qté / Qty
Peigne plastique *Plastic comb*	Outil *Tool*	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

##image:113953:left##

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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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
Diameter main cable	3...14 mm
Mechanical characteristics	
IK Rating	10
Usage characteristics	
Operating temperature, range	-25...70 °C
U.V resistance	Yes
Installation type	Indoor/Outdoor
Watertightness	IP 55

Documentation

PRE 48 installation pdf — 7.68 MB Download

Selling & delivery Information

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

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