



## 19" Pro Line Wall Mounting Cabinets



Colour Options:

**RAL 7035**

**RAL 9005**

## W=600mm Pro Line OPTOKON Elektronik Series

### Wall Mounting Cabinets

Pro Line OPTOKON Elektronik series Networking Enclosures/ Cabinets, designed for superior performance tested with 3 times higher load than nominal weight load capacity , Nominal weight load is 100kgs, tested with 300 kgs on wall. Therefore no any problem of carrying heavy telecom equipments, UPS and batteries rather than standard network technology equipments such as switches, patch panels and cables.

While product gives maximum performance on cabling and networking infrastructure, in parallel provides a very relative economy compared to its quality which is based on high technologic fully automated industry.

600x450mm, 600x600mm, 600x800mm, Pro Line Wall Cabinet series are available in 5 heights from 7U through to 20U, Each cabinet is supplied as standard with a glass front door, mechanically screwed steel rear panel and lift off steel side panels, all of which are lockable.

The wide product height portfolio meets any U requirement in infrastructure needs.

Pro Line OPTOKON Elektronik series have a professional technical but aesthetic look with left/right frames on the glass front door; the product range attracts the attention with the mostly environmentally fit and selected color of RAL 9005 Black, and RAL 7035 Light Grey, with fine wrinkle soft touch paint.

Completely standard and stocked product portfolio, being delivered a single piece assembled product, as shipping configuration the one set: 2pieces for D450mm, and two set:4pcs for D600 and D800mm 19" adjustable equipment mounting rails included.

Pro Line OPTOKON Elektronik Series product range with optimal panel mounting size, and a variety range of accessories enclose the whole expectation of users.

Pro Line OPTOKON Elektronik Series Wall Cabinets, has Nano Technology pre-treatment process, Bonderite/ Henkel Chemicals applied before Epoxy Powder coating application, 80-120 micron thickness, 500+hours of salt spray testing performed, in means of very high corrosion resistance

## Standards and Compliances:



**ISO 9001:2008**  
Quality Management System

EN 61587 -1:2012  
Mechanical Structures for  
Electronic Equipment

IEC 297-1, 19" mounting  
IEC 297-2 Overall cabinet dimentions



**CE conform to**  
EN 60950-1:2006 Information Technology  
Equipment – Safety – Part-1-  
General Requirement



**UL listed to**  
UL 2416, Outline of Investigation for  
Audio/Video, Information and  
Communication Technology Equipment  
Cabinet, Enclosure and Rack Systems; UL  
60950-1 and CSA C22.2 NO. 60950-1-07,  
Information Technology Equipment Safety  
Part 1: General Requirements



TSE conformity based on EN 61587 -1:2012



GOST R conformity



**Environment Friendly;**  
\* **ISO 14001** Environmental Management  
System  
\* RoHS compliancy  
\* %100 Recyclable Material

## 19" PRO Line Wall Mounting Cabinets

### CONSTRUCTION DETAILS:

#### Main Profile- Framework- Top/Bottom Cases:

Multi Folded Automated Bending technology applied corner profile system, provides a heavy duty structure results to high load capacity of: 100 kgs on wall.

Monoblock multi folded welded top and bottom cases 11 times bended resulted to a very sturdy/strong construction, tightly fixed to the framework with fixing hardware.

Top case has a ready Forced Ventilation (Fan Module) integration area. This area is with pre-punched slots even without Fan integration provides passive heat removal function via convection.

Top case integrated with a cable entry point with rubber edged sliding mechanism with w:145mmx d:70mm allows proper cabling insertion. The rubber edged mechanism works between 0 to 50mm slide out.

After inserting the cables, the rubber edged mechanism holds and fixes the cables in parallel preventing the cabinet from dust entry.

Access to enclosure- and Door / Panel Construction;  
Front door is integrated with decorative 1,2mm thickness metal frames, full length smoked, shatterproof, antistatic, 4,0mm thickness glass with single point locking barrel lock.

There is Decorative Colored Trims charming the attraction of customers. With blue, green, red, grey, dark grey, or any other color requirement is applicable on these Trims.

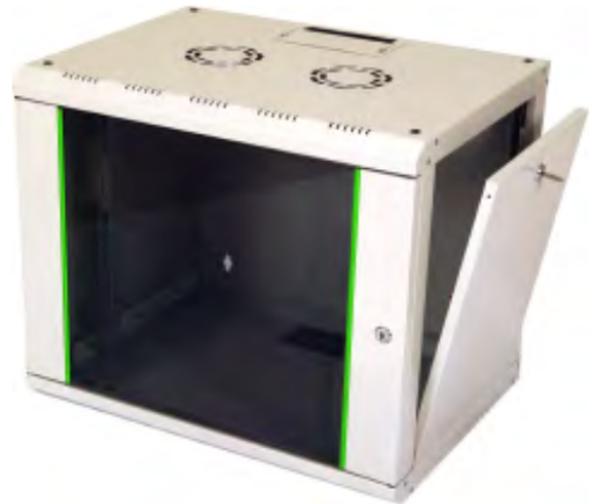
Front door opening direction is set right to left, but reversible to left to right at site with removing the hinge system. Hinge System is spring loaded easy operating version, which allows you to remove the whole front door from cabinet in seconds.

Side Panels are lockable and removable with barrel style lock, Multifolded bending technology with 4 fold bending provides the rigidity. Easy mechanical locking of panel to main frame with snap capture system allows easy attachment of panels and easy removal in seconds while installation in process.

Rear Panels are mechanically screwed to main module, which is Multifolded bending technology with 5 fold bending provided the rigidity. Rear Panel can be used for wall fixing and drilling pattern.

Bottom case and Rear Panel integrated with PVC gland plates.

Once needed gland plate on bottom and rubber edged sliding mechanism on top could be replacing each other on site



## 19" PRO Line Wall Mounting Cabinets

### 19" Rail Features:

19" rails of OPTOKON Elektronik Pro Line Series Wall cabinet are with automated silk-screen U numbering, depends on size 1U to 20U, same from top to bottom or bottom to top results to same U height selection. No matter from where you have started counting. 19" rails are 4 fold bending surfaces, 1,5mm thickness provides the high load capacities. The 19" rails are made of steel with 8-12 micron zinc plating for corrosion resistance.

19" rails of OPTOKON Elektronik Pro Line are adjustable in depth.

For D450mm Cabinet 1set=2pcs Front attached Rails included in shipping configuration.

For D600mm and D800mm Cabinet 2sets=4pcs Front and Rear attached Rails included in shipping configuration

All design features provide 3 way access to your enclosure and equipments, easy to reach to enclosure and equipments for all infrastucture installations and maintenance needs.



### ADDITIONAL FEATURES:

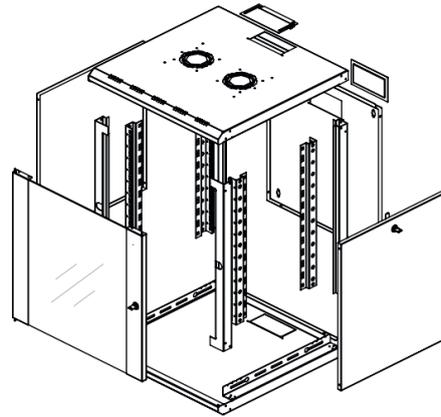
Pro Line Wall Cabinets has a mechanically locked and screwed rear panel which is with Multifolded bending technology and this with 5 folds bending provides the rigidity and high load capacities.

The panel can be used as wall fixing pattern on wall. This feature provides cost efficiency at site applications where a heavy enclosure to be fixed to wall. At least 2 technicians needed in standard. OPTOKON Elektronik Pro Line cabinets are applicable with one technician at site only. First the rear panel to be placed on wall for marking purposes, than drilling to be operated, finally the rear panel to be fixed on wall without the main cabinet unit.

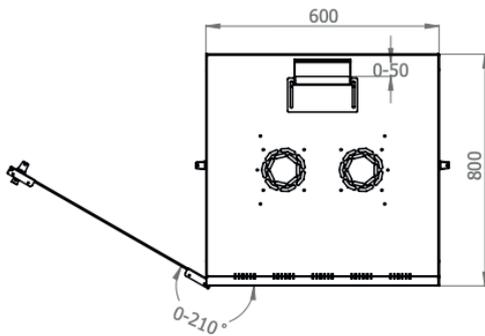
Finally the cabinet to be hanged over the rear panel. For safety reasons the screwing must be completed. Without even screws cabinet safely should stay on wall

Rear Panels are mechanically screwed to main module, which is Multifolded bending technology with 5 fold bending provided the rigidity.

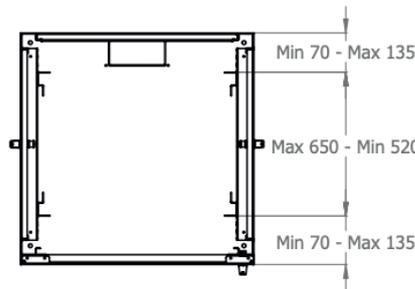




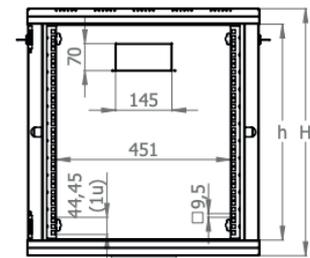
EXPLODED VIEW



FRONTDOOR  
OPENING ANGLE



MAX / MIN EQUIPMENT  
MOUNTING DISTANCE



DIMENSIONS IN  
WITDH AND HEIGHT

Pro Line OPTOKON Elektronik series Wall Mounting Networking Enclosures, with 19" w:600mm and d:800mm physical sizes, with max internal usable depth, and 5 different height, gives a wide selection chart for users.

All OPTOKON Elektronik Pro Line Wall cabinets are being delivered as a single piece pre-assembled enclosure, with standard factory settings.

Pro Line Series Wall Mounting 19" Cabinets W=600mm D=600mm

*Product Number	Product Description	Size WXDxH mm	h size in U	h in mm	**H mm, overall without feet and/or castor	***Ah Wall Mounting h mm	Width Overall mm	Width Rail to Rail	Depth Overall mm	****Depth Shipping Conf. Rail to Rail mm	PACKING DIMENSIONS WxDxH mm	QTY IN PACKAGE	Standard NET Weight of product kgs	Gross Weight of Product kgs
ROV-OPT-PR07U6080-CC	7U 19" Wall Mounting Cabinet W=600mm D=800mm	600x800x418	7U	311	418	260	600	19"	800	750	650x850x480	1	24	26
ROV-OPT-PR09U6080-CC	9U 19" Wall Mounting Cabinet W=600mm D=800mm	600x800x505	9U	400	505	349	600	19"	800	750	650x850x550	1	27	30
ROV-OPT-PR12U6080-CC	12U 19" Wall Mounting Cabinet W=600mm D=800mm	600x800x640	12U	533	640	482	600	19"	800	750	650x850x690	1	33	36
ROV-OPT-PR16U6080-CC	16U 19" Wall Mounting Cabinet W=600mm D=800mm	600x800x818	16U	711	818	660	600	19"	800	750	650x850x870	1	42	44
ROV-OPT-PR20U6080-CC	20U 19" Wall Mounting Cabinet W=600mm D=800mm	600x800x996	20U	889	996	838	600	19"	800	750	650x850x1050	1	52	54

\*CC= LG for Light Grey RAL 7035 & BL for Black RAL 9005 for customers to define while ordering.