



## Floor Standing Racks



Avalon floor standing racks are feature-rich rack enclosures optimized for easy installation, managing cables, integrating power distribution and maximizing airflow. These racks are multi-functional rack enclosures designed to meet current IT market trends and applications ranging from high density computing and networking to broadcast and audio-video. With a strong focus on cooling, power distribution, cable management and environmental monitoring, the Avalon rack enclosure provides a reliable rack-mounting environment for mission-critical equipment.

### Power Distribution

- Max current: 13 Amps
- Max output Power: 3250 Watts
- Rated voltage: 200 - 250 Volts 50-60 HZ
- Six outlet UK Type
- Lower noise, Less than 48db, Air flow 50 110 CBM/H

### Cabinet Features

- Earthing screw
- 19" mounting angles
- Front glass door with lock and handle
- Rear metal door with lock
- Removable side panels
- Adjustable jacking feet
- Cooling fans fitted in a fan tray with cable for connection
- Extra cage nuts provided (30 Nos)
- Both the doors can be mounted to be opening from either side.
- Lock on the front door with handle and rear door with duplicate keys.

### Technical Specifications

- All steel construction
- Frame made of 1.2 mm thick SPCC
- Fixed shelves made of 1.2 mm thick SPCC (optional)
- Mounting angles made of 2.0 mm thick steel
- Powder coated matt black finish
- Strong structure of individually fabricated components
- Manufactured using CNC machines only
- Surface Finish is made of Matt Black epoxy powder coated paint (RAL 9005)

### Cooling Fan With Effective Ventilation

- Lower noise, less than 48db, air flow 50 110 CBM/H



## Ordering Information

Part No.	Description	Size	Width	Depth
AN-FS12U600X600	12 U 600(W) x 600(D) Floor Standing Rack	12U	600mm	600mm
AN-FS15U600X600	15 U 600(W) x 600(D) Floor Standing Rack	15U	600mm	600mm
AN-FS15U600X800	15 U 600(W) x 800(D) Floor Standing Rack	15U	600mm	800mm
AN-FS18U600X600	18 U 600(W) x 600(D) Floor Standing Rack	18U	600mm	600mm
AN-FS18U600X800	18 U 600(W) x 800(D) Floor Standing Rack	18U	600mm	800mm
AN-FS18U600X1000	18 U 600(W) x 1000(D) Floor Standing Rack	18U	600mm	1000mm
AN-FS22U600X600	22 U 600(W) x 600(D) Floor Standing Rack	22U	600mm	600mm
AN-FS22U600X800	22 U 600(W) x 800(D) Floor Standing Rack	22U	600mm	800mm
AN-FS22U600X1000	22 U 600(W) x 1000(D) Floor Standing Rack	22U	600mm	1000mm
AN-FS22U800X1000	22 U 800(W) x 1000(D) Floor Standing Rack	22U	800mm	1000mm
AN-FS24U600X800	24 U 600(W) x 800(D) Floor Standing Rack	24U	600mm	800mm
AN-FS24U800X1000	24 U 800(W) x 1000(D) Floor Standing Rack	24U	800mm	1000mm
AN-FS27U600X600	27 U 600(W) x 600(D) Floor Standing Rack	27U	600mm	600mm
AN-FS27U600X800	27 U 600(W) x 800(D) Floor Standing Rack	27U	600mm	800mm
AN-FS27U800X800	27 U 800(W) x 800(D) Floor Standing Rack	27U	800mm	800mm
AN-FS27U800X1000	27 U 800(W) x 1000(D) Floor Standing Rack	27U	800mm	1000mm
AN-FS27U600X1000	27 U 600(W) x 1000(D) Floor Standing Rack	27U	600mm	1000mm
AN-FS32U600X600	32 U 600(W) x 600(D) Floor Standing Rack	32U	600mm	600mm
AN-FS32U600X800	32 U 600(W) x 800(D) Floor Standing Rack	32U	600mm	800mm
AN-FS32U600X1000	32 U 600(W) x 1000(D) Floor Standing Rack	32U	600mm	1000mm
AN-FS37U600X600	37 U 600(W) x 600(D) Floor Standing Rack	37U	600mm	600mm
AN-FS37U600X800	37 U 600(W) x 800(D) Floor Standing Rack	37U	600mm	800mm
AN-FS37U600X1000	37 U 600(W) x 1000(D) Floor Standing Rack	37U	600mm	1000mm
AN-FS37U800X800	37 U 800(W) x 800(D) Floor Standing Rack	37U	800mm	800mm
AN-FS37U800X1000	37 U 800(W) x 1000(D) Floor Standing Rack	37U	800mm	1000mm
AN-FS42U600X600	42 U 600(W) x 600(D) Floor Standing Rack	42U	600mm	600mm
AN-FS42U600X800	42 U 600(W) x 800(D) Floor Standing Rack	42U	600mm	800mm
AN-FS42U800X800	42 U 800(W) x 800(D) Floor Standing Rack	42U	800mm	800mm
AN-FS42U600X1000	42 U 600(W) x 1000(D) Floor Standing Rack	42U	600mm	1000mm
AN-FS42U800X1000	42 U 800(W) x 1000(D) Floor Standing Rack	42U	800mm	1000mm
AN-FS42U800X1200	42 U 800(W) x 1200(D) Floor Standing Rack	42U	800mm	1200mm
AN-FS47U800X800	47 U 800(W) x 800(D) Floor Standing Rack	47U	800mm	800mm
AN-FS47U800X1000	47 U 800(W) x 1000(D) Floor Standing Rack	47U	800mm	1000mm



## Wall Mount Cabinets



**Single Section Wall Mount Cabinet**



**Double Section Wall Mount Cabinet**

Avalon Wall Mount Cabinets are feature-rich enclosures optimized for easy installation, managing cables, integrating power distribution, and maximizing airflow. These racks are multi-functional rack enclosures designed to meet current IT market trends and applications ranging from high density computing and networking to broadcast and audio-video. With a strong focus on cooling, power distribution, cable management and environmental monitoring, the Avalon rack enclosure provides a reliable rack-mounting environment for mission-critical equipment.

### Cabinet Features

- 19" Mounting Angles
- Front glass door with lock (Tempered glass)
- Door can be mounted to be opening from either side
- Lock on the front door with duplicate keys
- Removable side panels
- Extra cage nuts provided
- Earthing Screw
- Cooling fan for effective ventilation (Optional)
- A swing rear section with lock (100 mm Depth)- Construction adds to the operation and maintenance.

### Technical Specifications

- All Steel construction
- Frame Made of 1.2 mm thick SPCC
- Fixed shelves made of 1.2 mm thick SPCC (Optional)
- Mounting Angles made of 2.0 mm thick steel
- Powder Coated matt black finish
- Strong structure of individually fabricated components
- Manufactured using CNC machines only
- *Surface Finish:* Matt Black Epoxy Powder Coated Paint (RAL9005)

### Cooling Fan With Effective Ventilation (Optional)

- Lower noise, less than 48db, Air flow 50 - 110 CBM/H

## Ordering Information

Part No.	Description	Size	Width	Depth
AN-WM4U600X450	4 U x 600(W) x 450(D) Wall Mount Cabinet	4U	600mm	450mm
AN-WM6U600X450	6 U x 600(W) x 450(D) Wall Mount Cabinet	6U	600mm	450mm
AN-WM6U600X550	6 U x 600(W) x 550(D) Wall Mount Cabinet	6U	600mm	550mm
AN-WM9U600X450	9 U x 600(W) x 450(D) Wall Mount Cabinet	9U	600mm	450mm
AN-WM9U600X550	9 U x 600(W) x 550 (D) Wall Mount Cabinet	9U	600mm	550mm
AN-WM12U600X450	12 U x 600(W) x 450(D) Wall Mount Cabinet	12U	600mm	450mm
AN-WM12U600X550	12 U x 600(W) x 550(D) Wall Mount Cabinet	12U	600mm	550mm
AN-WM15U600X450	15 U x 600(W) x 450(D) Wall Mount Cabinet	15U	600mm	450mm
AN-WM15U600X550	15 U x 600(W) x 550(D) Wall Mount Cabinet	15U	600mm	550mm
AN-WM15U600X600	15 U x 600(W) x 600(D) Wall Mount Cabinet	15U	600mm	600mm
AN-WM18U600X450	18 U x 600(W) x 450(D) Wall Mount Cabinet	18U	600mm	450mm
AN-WM18U600X550	18 U x 600(W) x 550(D) Wall Mount Cabinet	18U	600mm	550mm
AN-WM18U600X600	18 U x 600(W) x 600(D) Wall Mount Cabinet	18U	600mm	600mm

## Top 7 Tips While Buying Server Cabinets

1. Decide if you need an enclosed cabinet or an open cabinet.
2. Assess the width , depth and height you require depending on the equipment you will be putting in the rack
3. Make a list of the equipment, which can include CPU, Monitors, Keyboards, Modem, Servers, Switches, Hubs, routers and UPSs.
4. Always ensure that you do not buy a rack that houses your equipment perfectly because You never know how much extra space require in the future always have a provision for growth
5. One rack unit (Always known as U) is 1.75'' (4.4Cm) so when a rack that is 24U has 24 spaces for equipment or is 42'' high (105.6 cm)
6. Measure the Width, depth and height of the server room before you purchase the rack.
7. Always ensure that at least 10 inch clearance from the top of the cabinet to the ceiling for effective ventilation



## 12U - Wall Mount Enclosures



Avalon wall mount enclosures are designed to satisfy the most specific requirements of communication and networking and are specially manufactured for Etisalat and DU requirements. These come with cable entry from top to bottom, front section with glass door, keys and locks. These are constructed with 1.0 mm steel, the frames are made of 0.8 mm steel and with 19" vertical mounting rails (1.0 mm thick steel).

### Cabinet Features

- 19" Mounting Angles
- Front Glass Door with Lock
- Door can be mounted to be opening from either side
- Cable entry from top to bottom

### Specifications

- Make : AVALON
- Type : Wall mount Enclosure
- Dimensions Type : 19 inch standard
- Size : 12U

### Technical Specifications

- All Steel construction
- Frame Made of 1.2 mm thick SPCC
- Fixed shelves made of 1.2 mm thick SPCC (Optional)
- Mounting Angles made of 1.0 mm thick steel
- Powder Coated grey finish
- Strong structure of individually fabricated components
- Manufactured using CNC machines only
- Surface Finish : Grey Epoxy Powder Coated Paint (RAL 7035)

### Packaging

- Packed in single carton

### Ordering Information

Part No.	Height	Width	Depth	Gross Weight	Net Weight
ANWM-12U600X600X150	600	600	150	12	11
ANWM-12U600X425X120	600	425	120	6.5	5.3
ANWM-12U600X600X300	600	600	300	16	14



## ACCESSORIES

### Cabinet Fan

Avalon rack fans are used to help facilitate air flow within the rack by adding ventilation where it is needed the most. These rack fans can be mounted in cabinet doors, cabinet sides and cabinet roofs.

#### Dimensions

- 120mm×120mm×38mm

#### Ordering Information

Part No.	Description
AN-FN13A-230	Cabinet Fan



### Brush Panel

Avalon brush panels are 1U cable pass thru panels with brush strip. The brush strip blocks unwanted airflow inside rack enclosures and server cabinets. This panel improves the cooling efficiency and segregates cold aisle from hot aisle. These panels are manufactured from mild steel and are powder coated.

#### Package Includes

- 1 piece of brush panel
- Mounting hardware

#### Ordering Information

Part No.	Description
AN-BP	Brush Panel



### Horizontal Cable Manager with Cover

Avalon horizontal cable managers with cover are capable of managing cables on the front and rear of any standard EIA 19" rack or cabinet. These cable organisers feature a removable top cover that makes it easy to add or remove bundled cables quickly. The duct also offers a series of fingers on either side or pass-through holes at the back to help you route your cables wherever you need them and reduce cable strain in the process.

#### Ordering Information

Part No.	Description
AN-HCM-C	19" Horizontal Cable Managers with cover, 1U



### Horizontal Cable Managers with Rings

Avalon horizontal cable managers with rings are capable of managing cables on the front and rear of any standard EIA 19" rack or cabinet. These panels are constructed of a steel panel with plastic D-rings mounted to any rack. The horizontal panels have pass-through holes and are available as either front and rear versions or front only versions.

#### Ordering Information

Part No.	Description
AN-HCM-OA-4	19" Horizontal Cable Managers with 4 Rings, 1U
AN-HCM-OA-5	19" Horizontal Cable Managers with 5 Rings, 1U





## Horizontal Cable Managers - Open Type

Avalon horizontal cable managers which are closed type are capable of managing cables on the front and rear of any standard EIA 19" rack or cabinet. These panels are constructed of a steel panel with gaps in between for easy access. The horizontal panels have pass-through gaps and are available as either front and rear versions or front only versions.



### Ordering Information

Part No.	Description
AN-HCM-OT	19" Horizontal Cable Managers with open type access

## Horizontal Cable Managers – Closed Type

Avalon Horizontal Cable Managers which are closed type are capable of managing cables on the front and rear of any standard EIA 19" rack or cabinet. These Panels are constructed of a steel panel with gaps in between for easy access. Horizontal panels shall have pass-through gaps and shall be available in both front and rear versions and front only versions.



### Ordering Information

Part No.	Description
AN-HCM-CT	19" Horizontal Cable Managers – Closed Type

## Power Distribution Units

### PDU, UK Type With Circuit Breaker

Avalon Power Distribution Units (PDU's) are used for controlling electrical power in a data center. The circuit breaker is suitable for lines with AC 50 Hz frequency and voltage from 230V – 400V. The circuit breaker is an automatically operated electrical switch designed to protect an electrical circuit from damage caused by overload or short circuit. Its basic function is to interrupt current flow after protective relays detect a fault.

### Ordering Information

Part No.*	Description
AN-XWPDU13UK-BR	PDU – UK Type with Circuit breaker

\* X can be 6 Way , 8 Way or 10 Way



### PDU, UK Type

Avalon Power Distribution Units (PDU's) are used for controlling electrical power in a data center.

#### Features

- UK Type BS1363 Sockets
- 19" Rack Mountable
- Master on /off switch



### Ordering Information

Part No.*	Description
AN-XWPDU13UK	PDU - UK Type

\* X denotes 6, 8 or 10 Way PDU.

### PDU, German Type

Avalon Power Distribution Units (PDU's) are used for controlling electrical power in a data center.

#### Features

- German sockets
- 19" rack mountable
- Master on /off switch



### Ordering Information

Part No.*	Description
AN-XWPDU13G	PDU- German Type

\* X denotes 8 or 10 Way PDU.

## Other Accessories

**19" Rack Mount Keyboard Sliding Tray  
(AN-KBTR300MM)**



**19" Rack Sliding Shelves  
(AN-SLD600MM, AN-SLD800MM, AN-SLD1000MM)**



**General Purpose 1U Fan Unit (AN-1UFNX3)**



**1U Universal Rack Mount Sliding Shelf  
(AN-1U/SLD300MM)**



**1U Rack Mount Shelf (AN-1U300MM)**



**2U Rack Mount Shelf (AN-2U350MM)**



**19" Fixed Rack Shelf  
(AN-FX600MM, AN-FX800MM, AN-FX1000MM)**



**19" 300mm L-Rail / Support brackets  
(AN-LRAIL-300)**



**19" 2U server cabinet drawer locker  
(AN-2U/DWR300MM)**



**Rail Kit  
(AN-1UADLRAIL1000M)**



**Rack Door  
(AN-800MM27U/DP, AN-600MM42U/SP,  
AN-800MM42U/DP, AN-800MM47U/DP)**



**Fan Filter Kit  
(AN-120x120-FK)**



**Front Panel Mounting Hardware (Cage Nut & Screws)  
(AN-CAGN/10)**

