

Overview

The Ausrack TxD racks are versatile 4-post racks specifically designed for Transmission and Data applications in telecommunications exchange and data centre environments.

They are suitable for 19", 21", 23" or 26" equipment. The frame is of an open welded and bolted construction with corner posts and allows for maximum flexibility in placement of equipment rails and cable management.



Features

- EIA-310-D, SSI and ETSI standards compliant
- Robust welded and bolted frame design with corner posts
- Suitable for 19", 21", 23" or 26" equipment
- Load ratings – Static (UDL) 1400kg; Seismic 750kg; Dynamic 1100kg
- Frame design enables two or more people to work on installation at once
- Depth adjustable RU marked mounting rails
- Horizontal mounting rail supports can be mounted at various locations
- Partial height rails for variable mounting of equipment
- 2 point door locking system
- Key lockable wing knob
- Doors can open to the left and right sides
- Easy baying with or without side panels
- Optional lockable side panels
- Optional roller kit
- Textured matt black powdercoat finish
- Comprehensive range of accessories

Inclusions

- 4 corner post frame for multiple applications
- Bolt down brackets

Note: This is a configurable multipurpose cabinet that has models and accessories available on request.

Model Sizes

Standard Cabinets

Ausrack TxD standard cabinets consist of a frame, 19" RU labelled mounting rails (x4), top cover with cable entries, side panels (x2), split mesh doors on 800mm wide and mesh doors on 600mm wide cabinets, and bolt down brackets (x4).



Model No	Height (RU)	Dimensions (mm)		
		Height	Width	Depth
▲ ATS45U609	45	2140	600	900
▲ ATS45U610	45	2140	600	1000
▲ ATS45U612	45	2140	600	1200
▲ ATS45U809	45	2140	800	900
▲ ATS45U810	45	2140	800	1000
▲ ATS45U812	45	2140	800	1200

For dimension drawing see page 58

Frames

Ausrack TxD frames are for flexible open frame solutions, with optional accessories such as side panels and doors to be added to the frame, where necessary. The frames can be ordered in 2 configurations:

Standard Frame: Includes frame with 19" rail (x4), roof with cable entries and gland plates, and bolt down brackets (x4).

Basic Frame: Includes frame and bolt down brackets (x4) only. Different rail options and roofs are available - see accessories section.



Model No	Description	Height (RU)	Dimensions (mm)		
			Height	Width	Depth
▲ ATF45U609	Standard frame	45	2140	600	900
▲ ATF45U610	Standard frame	45	2140	600	1000
▲ ATF45U612	Standard frame	45	2140	600	1200
▲ ATF45U809	Standard frame	45	2140	800	900
▲ ATF45U810	Standard frame	45	2140	800	1000
▲ ATF45U812	Standard frame	45	2140	800	1200
▲ ATBF45U609	Basic frame	45	2140	600	900
▲ ATBF45U610	Basic frame	45	2140	600	1000
▲ ATBF45U612	Basic frame	45	2140	600	1200
▲ ATBF45U809	Basic frame	45	2140	800	900
▲ ATBF45U810	Basic frame	45	2140	800	1000
▲ ATBF45U812	Basic frame	45	2140	800	1200

For dimension drawing see page 58

Accessories

Standard Equipment Rails

Model No	Description	Height (RU)	Size	For Rack Width
▲ ATMR45U619	Equipment Rail Pair	45	19"	600
▲ ATMR45U621	Equipment Rail Pair	45	21"	600
▲ ATMR45U819	Equipment Rail Pair	45	19"	800
▲ ATMR45U821	Equipment Rail Pair	45	21"	800
▲ ATMR45U823	Equipment Rail Pair	45	23"	800
▲ ATMR45U826	Equipment Rail Pair	45	26"	800

Reversible Equipment Rails

The rails are L-shaped rails with mounting on either edge ie. 19"/21" can be placed in 19" or 21" configuration.

Model No	Description	Height (RU)	Size	For Rack Width
▲ ATMR45U6A	Reversible Equipment Rail Pair	45	19"/21"	600
▲ ATMR45U8A	Reversible Equipment Rail Pair	45	19"/21"	800
▲ ATMR45U8B	Reversible Equipment Rail Pair	45	19"/23"	800
▲ ATMR45U8C	Reversible Equipment Rail Pair	45	21"/23"	800

Doors

All doors include a lockable wing knob and two point locking.

Mesh Doors

Model No	Description	Height (RU)	Width (mm)
▲ ATDM45U06	63% mesh steel door	45	600
▲ ATDD45U06	63% mesh steel door – split	45	600
▲ ATDM45U08	63% mesh steel door	45	800
▲ ATDD45U08	63% mesh steel door – split	45	800

Acrylic Doors

Model No	Description	Height (RU)	Width (mm)
▲ ATDA45U06	Window door, Acrylic	45	600
▲ ATDA45U08	Window door, Acrylic	45	800

Steel Doors

Model No	Description	Height (RU)	Width (mm)
▲ ATDS45U06	Steel door	45	600
▲ ATDS45U08	Steel door	45	800



Accessories

Side Panels

Side panels include venting and are easy to fit using locating pins and flush mounted slam latches. They can be locked using an external lock kit (ATSPL). Cabinets can be bayed together with or without side panels fitted.

Model No	Description	Height (RU)	Depth (mm)
▲ ATSP45U09	Side panel	45	900
▲ ATSP45U10	Side panel	45	1000
▲ ATSP45U12	Side panel	45	1200



Top Covers - flat

Model No	Description	Width (mm)	Depth (mm)
▲ ATTF609	Top cover - flat	600	900
▲ ATTF610	Top cover - flat	600	1000
▲ ATTF612	Top cover - flat	600	1200
▲ ATTF809	Top cover - flat	800	900
▲ ATTF810	Top cover - flat	800	1000
▲ ATTF812	Top cover - flat	800	1200

Top Covers - cable entry & gland plates

Model No	Description	Width (mm)	Depth (mm)
▲ ATTC609	Top cover - cable entry & gland plates	600	900
▲ ATTC610	Top cover - cable entry & gland plates	600	1000
▲ ATTC612	Top cover - cable entry & gland plates	600	1200
▲ ATTC809	Top cover - cable entry & gland plates	800	900
▲ ATTC810	Top cover - cable entry & gland plates	800	1000
▲ ATTC812	Top cover - cable entry & gland plates	800	1200

Top Covers - fibre & cable entry

Model No	Description	Width (mm)	Depth (mm)
▲ ATTCF609	Top cover - fibre & cable entry	600	900
▲ ATTCF610	Top cover - fibre & cable entry	600	1000
▲ ATTCF612	Top cover - fibre & cable entry	600	1200
▲ ATTCF809	Top cover - fibre & cable entry	800	900
▲ ATTCF810	Top cover - fibre & cable entry	800	1000
▲ ATTCF812	Top cover - fibre & cable entry	800	1200

Fans

The 2 and 4 unit fan kit installs into the top cover with cable entries. The 2 unit fan kit can also be fitted into 19" equipment rails. All fans are supplied with a 2m flex and 10A plug.

Model No	Description	Height (RU)
▲ ARPAF2	Fan kit, high speed, axial – 2 unit	1
▲ ARPAF4	Fan kit, high speed, axial – 4 unit	1



Accessories

Power Rails

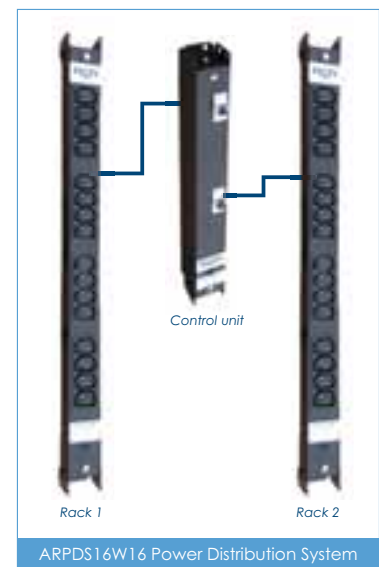
Power rails have overcurrent protection, a 2.5m length flex, and a 3 flat pin plug. The 15A models have a 3 flat pin plug with captive ring. Vertical power rails mount 0 RU in Ausrack TxD cabinets and frames.

Model No	Description	Outlet No	Outlet Style	Plug	Height (RU)
ARPH5W10	Power rail, horizontal **	5	10A GPO	10A	1
ARPH5W15	Power rail, horizontal **	5	10A GPO	15A	1
ARPH10W10	Power rail, horizontal **	10	10A GPO	10A	2
ARPH10W15	Power rail, horizontal **	10	10A GPO	15A	2
ARPV5W10	Power rail, vertical	5	10A GPO	10A	10
ARPV5W15	Power rail, vertical	5	10A GPO	15A	10
ARPV10W10	Power rail, vertical	10	10A GPO	10A	16
ARPV10W15	Power rail, vertical	10	10A GPO	15A	16
ARPV20W10	Power rail, vertical	20	10A GPO	10A	28
ARPV20W15	Power rail, vertical	20	10A GPO	15A	28
ARPV10WI10	Power rail, vertical, IEC-C13	10	IEC320-C13	10A	12
ARPV10WI15	Power rail, vertical, IEC-C13	10	IEC320-C13	15A [#]	12
ARPV10WI20	Power rail, vertical, IEC-C13	10	IEC320-C13	20A [#]	12
ARPDS16W16	Power distribution system*	2 x 16	IEC320-C13	32A [#]	—

* Power Distribution system consists of a control unit, with 32A input captive plug and dual circuit breakers supplying 2 x 16 way IEC-C13 socket power rails, as illustrated on right.

[#] Captive plug.

** 19" mounting, for 21", 23", 26" mounting requires adaptor brackets.



Cable Trays

Model No	Description
ARC45U15	Cable tray, 45RU, 150mm wide
ARC45U30	Cable tray, 45RU, 300mm wide

19" Blanking Panels

19" Blanking panels are used to control airflow in the rack.

Model No	Description	Height (RU)	Dimensions (mm)	
			Height	Width
EBP1U	Blanking panel	1	44	483
EBP2U	Blanking panel	2	88	483
EBP3U	Blanking panel	3	132	483
EBP4U	Blanking panel	4	177	483
EBP5U	Blanking panel	5	222	483
EBP6U	Blanking panel	6	266	483



Accessories

Shelves

All shelves are 19" mounting. For 21", 23" and 26" mounting shelves must be used in conjunction with adaptor brackets.

Model No	Description	Depth (mm)	Load Rating (kg)	Height (RU)	Suitable for frames & cabinets
ARC210	Cantilever shelf	210	10	2	All 19"
ARC360	Cantilever shelf	360	10	2	All 19"
ARFL750	Fixed shelf, light duty	750	50	1	900/1000mm deep 19"
ARFL950	Fixed shelf, light duty	950	50	1	1200mm deep 19"
ARFH750	Fixed shelf, heavy duty	750	100	1	900/1000mm deep 19"
ARFH950	Fixed shelf, heavy duty	950	100	1	1200mm deep 19"
ARTF750	Telescopic shelf, full extension	750	20	1	900/1000mm deep 19"
ARTF950	Telescopic shelf, full extension	950	20	1	1200mm deep 19"
ARTH750	Telescopic shelf, half extension	750	40	1	900/1000mm deep 19"
ARTH950	Telescopic shelf, half extension	950	40	1	1200mm deep 19"
ARKBC	Keyboard pivot tray accessory*	-	-	2	All*

* Requires telescopic shelf



Miscellaneous Accessories

Model No	Description
▲ ATRK	Roller Kit – 4 x Rollers
▲ ATFK	Adjustable Foot Kit – 4 x Feet
▲ AT SPL	Side Panel Lock Kit
▲ ATMS09	Mounting Rail Horizontal Support – 900D
▲ ATMS10	Mounting Rail Horizontal Support – 1000D
▲ ATMS12	Mounting Rail Horizontal Support – 1200D
▲ ARPCMH1U	19" Horizontal Cable Management, 1RU
▲ ATRGK2	Fibre Radius Guide Kit - 2 Way
▲ ATRGK3	Fibre Radius Guide Kit - 3 Way
▲ ATEKDR	Earth Cable - Door (split door requires 2)
▲ ATEKSP	Earth Cable - Side Panel
▲ ARCN	M6 cage nuts, screws and washers (pack of 50)



Fibre Radius Guide Kit - 3 Way