Rack Technologies

PREFORMED LINE PRODUCTS

WORLD CLASS INTELLIGENT SOLUTIONS | **DESIGNED IN AUSTRALIA** | USED THROUGHOUT THE WORLD

RACKS, CABINETS & ACCESSORIES

Call us today **1300 550 322** or email **sales@rack-tech.com** or visit us online at **racktechnologies.com.au**

RACK TECHNOLOGIES

Rack Technologies is a specialist in rack system enclosures and accessories for the communications, data, electronic, security and electrical industries. The company was founded in Sydney, Australia on March 15th 1990 and was acquired by Preformed Line Products (Australia) Pty Ltd in April 2000.

The Australian market has many companies offering "part" of the range but **Rack Technologies** maintains a dominant position in most markets in which it operates due to the comprehensive range manufactured to the highest standards coupled with a continuous drive for ongoing improvement in all areas of the business from product features, design and innovation through to exceptional customer service with the aim to exceed customer expectations.

Importantly the fundamental need to provide competitive pricing and compete at all levels has not been forgotten and we are confident our range, service, price and product features combined will ensure a lower overall cost position when using **Rack Technologies** product.

This is particularly important when considering features and accessories that aid in prolonging the life of sensitive electronic equipment installed in racks, such as Energy Management, Cooling and Aisle Containment systems that may appear as an additional up front cost but repay the investment in very short time frames through energy and equipment life savings.

A comprehensive range manufactured to the highest standards ensures the brand is associated with many leading edge projects and highly accepted by customers at all levels.

A strong commitment to the principles of quality, service and attention to detail ensures we transform these values into unique and dynamic outcomes that are second to none. In order to attain and maintain these objectives, **Rack Technologies** has implemented a Certified Quality Management System which meets the requirements of AS/NZS ISO 9001-2008.

In summary, **Rack Technologies** is committed to providing an unrivalled product and service offer to its many valued customers.

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Rack Technologies

PREFORMED LINE PRODUCTS

WR SERIES CABINETS

WR SERIES

The **WR Series** wall mounted cabinets are built to the highest standards with flexibility and ease of installation at the forefront of design criteria. More than 30 different size and door variants makes the **WR Series** one of the most comprehensive in the market.

The fully welded frame ensures a stable structure while the key lockable quick release door opens to 180 degrees and is available in Acrylic, Curved Perforated or Steel.

Removable side panels complete with locks, plus plenty of cable knockouts in back, top and bottom panels ensure ease of access during wiring and fitout.

Single section cabinets are complete with a removable rear panel and installation is made simple with a quick mount rail that is fixed to the wall allowing for one person installation.

Double section cabinets come with a rear hinge section with reversible lift off hinges, again allowing for one person installation and flexibility of access and opening.

For quality and features you cannot beat the **WR Series** wall mounted cabinets.

FEATURES

- Quick release door hinges make for ease of installation
- Acrylic, Curved Perforated or Steel doors available, left or right swing with key lock
- Hinge wall bracket is lockable and contains knock-outs for cable entry
- Hinge wall bracket adds 100mm to the depth
- All cabinets come with knock-outs
- Door flush with frame - curved protrudes 50mm
- Welded body, removable sides with lock, adjustable shelf rails with RU markings
- Cabinet can be fixed directly to the wall or attached to a hinge wall bracket
- Suitable for Education Dept applications
- Fan and filters are available
- Black in colour

ACRYLIC

CURVED PERFORATED

STEEL

SINGLE SECTION WALL CABINET

Cabinets			Doors		
RU	Width	Depth	Acrylic	Perforated	Steel
4RU	600	450	WR6404	WR6404V	WR6404S
6RU		450	WR6406	WR6406V	WR6406S
		600	WR6606	WR6606V	WR6606S
9RU		450	WR6409	WR6409V	WR6409S
		600	WR6609	WR6609V	WR6609S
12RU		450	WR6412	WR6412V	WR6412S
		600	WR6612	WR6612V	WR6612S
18RU		450	WR6418	WR6418V	WR6418S
		600	WR6618	WR6618V	WR6618S
24RU		450	WR6424	WR6424V	WR6424S
		600	WR6624	WR6624V	WR6624S

STANDARD INCLUSIONS

- Fully welded frame ensures stable structure
- 180 degree opening hinged, quick release door
- Acrylic, Curved Perforated or Steel door options available
- Key lock on front door
- Removable side panels complete with locks
- Cable entry knockouts top and bottom
- Easy mounting installation with hanging rail
- Rear panel with knockouts (panel can be removed)
- Complete with 1 x cantilever shelf
- Cage nut kit is also included

QUICK MOUNT RAIL ENSURES SIMPLE MOUNTING OF CABINET

FAN VENTS IN TOP, CABLE ENTRY KNOCKOUTS IN TOP, BOTTOM AND REMOVABLE REAR PANEL

REMOVABLE SIDE PANELS WITH KEY LOCKS, FIXED SHELF INCLUDED, DEPTH ADJUSTABLE MOUNTING RAILS, DOORS EASILY REVERSED AND EARTH STUD ON BODY AND DOOR

RT XPRESS **Same day dispatch of RTx and WR Series cabinets and accessories.**

Rack Technologies

PREFORMED LINE PRODUCTS

WR SERIES CABINETS

DOUBLE SECTION WALL CABINET

Cabinets				Doors		
RU	Width	Depth	Total Depth	Acrylic	Perforated	Steel
4RU	600	450	550*	WRH6404	WRH6404V	WRH6404S
6RU		450	550*	WRH6406	WRH6406V	WRH6406S
		600	700*	WRH6606	WRH6606V	WRH6606S
9RU		450	550*	WRH6409	WRH6409V	WRH6409S
		600	700*	WRH6609	WRH6609V	WRH6609S
12RU		450	550*	WRH6412	WRH6412V	WRH6412S
		600	700*	WRH6612	WRH6612V	WRH6612S
18RU		450	550*	WRH6418	WRH6418V	WRH6418S
		600	700*	WRH6618	WRH6618V	WRH6618S
24RU		450	550*	WRH6424	WRH6424V	WRH6424S
		600	700*	WRH6624	WRH6624V	WRH6624S

*Total Depth includes 100mm rear hinge section.

STANDARD INCLUSIONS

- Rear hinge section reversible for left or right swing
- Rear hinge section 100mm deep
- Fully welded frame ensures stable structure
- 180 degree opening hinged, quick release door
- Acrylic, Curved Perforated or Steel door options available
- Key lock on front door
- Removable side panels complete with locks
- Cable entry with knockouts top and bottom
- Easy mounting installation with hanging rail
- Rear hinged section, lockable with reversible hinges
- Complete with 1 x cantilever shelf
- Cage nut kit is also included

REMOVABLE 100MM DEEP REAR HINGE SECTION WITH 19" MOUNTING FACILITY

FAN VENTS IN TOP AND CABLE ENTRY KNOCKOUTS IN TOP, BOTTOM AND REAR HINGE SECTION

REMOVABLE SIDE PANELS WITH KEY LOCKS, FIXED SHELF INCLUDED, DEPTH ADJUSTABLE MOUNTING RAILS, DOORS EASILY REVERSED AND EARTH STUD ON BODY AND DOOR

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WALL FRAMES

RU	Height	Width	Depth	Part Number
2RU	90	483	100	WF201
			200	WF202
			300	WF203
4RU	179		100	WF401
			200	WF402
			300	WF403
6RU	268		100	WF601
			200	WF602
			300	WF603

WALL FRAME LIDS

Width	Depth	Part Number	Description
483	100	WFL11	Suits 100 deep wall frame
	200	WFL21	Suits 200 deep wall frame
	300	WFL31	Suits 300 deep wall frame

STANDARD INCLUSIONS

Frame only

- All wall frames swing at 180° degrees
- Lids can be used top or bottom
- Most suitable for patching
- All fasteners provided
- Black in colour

Rack Technologies
PREFORMED LINE PRODUCTS

RTx SERIES CABINETS

RTx SERIES

Rack Technologies RTx Series is our "off the shelf" pre configured floor standing cabinet range ready for **RTxPress delivery**.
A comprehensive range encompassing more than 90 size and door variants ensures a cabinet to suit practically any installation.

Supplied complete with many standard features and accessories this Series provides a high quality standard option for your network or server cabinet requirements.

The welded front and rear steel frame provides the strength required for peace of mind whilst all doors and panels are designed for ease of removal and installation ensuring uncluttered access for wiring and connection during installation.

When you need a rack and need it fast... **RTx** is your answer.

FEATURES

- Excellent design with many standard inclusions
- Doors open to 180 degrees with quick release hinge
- Glass, Curved Perforated or Steel front door options available
- Perforated rear door (Bifold for 800mm wide)
- 70% perforation on perforated doors
- Swing handle lock for doors
- 19" depth adjustable mounting rail with RU markings
- Side panels fitted with round locks are easy to fit and remove
- Top panel with multiple cable entry knockouts
- Bottom panel with adjustable cable entry panels
- 800kg load capacity

GLASS

PERFORATED

CURVED PERFORATED

STEEL

Call us today **1300 550 322** or email **sales@rack-tech.com** or visit us online at **racktechnologies.com.au**

STANDARD INCLUSIONS

All **RTx Series** come with these standard inclusions. The part numbers below are the complete cabinet with the door style option.

- 2 x Fan Units (600 depth)
- 4 x Fan Units (800 to 1200 depth)
- 2 Shelves (12RU to 27RU)
- 3 Shelves (37RU to 45RU)
- 1 x 8 way Horizontal PDU
- 2 Cable Trays
- 2 x Vertical Cable Duct (800 wide)
- 25 cage nuts
- Earth kit
- Castors (for transport)
- Levelling feet
- Swing handle lock for both front and rear door
- Small round lock for side panels
- Baying kit

Cabinet				Doors		
RU	Height	Width	Depth	Glass	Perforated	Steel
12RU	718	600	600	RTX6612G	RTX6612V	RTX6612S
			800	RTX6812G	RTX6812V	RTX6812S
18RU	985	600	600	RTX6618G	RTX6618V	RTX6618S
			800	RTX6818G	RTX6818V	RTX6818S
			1000	RTX6018G	RTX6018V	RTX6018S
		800	800	RTX8818G	RTX8818V	RTX8818S
22RU	1161	600	600	RTX6622G	RTX6622V	RTX6622S
			800	RTX6822G	RTX6822V	RTX6822S
			1000	RTX6022G	RTX6022V	RTX6022S
27RU	1383	600	600	RTX6627G	RTX6627V	RTX6627S
			800	RTX6827G	RTX6827V	RTX6827S
			1000	RTX6027G	RTX6027V	RTX6027S
		800	800	RTX8827G	RTX8827V	RTX8827S
			1000	RTX8027G	RTX8027V	RTX8027S
37RU	1825	600	600	RTX6637G	RTX 6637V	RTX 6637S
			800	RTX6837G	RTX6837V	RTX6837S
			1000	RTX6037G	RTX6037V	RTX6037S
		800	800	RTX8837G	RTX8837V	RTX8837S
			1000	RTX8037G	RTX8037V	RTX8037S
42RU	2044	600	600	RTX6642G	RTX6642V	RTX6642S
			800	RTX6842G	RTX6842V	RTX6842S
			1000	RTX6042G	RTX6042V	RTX6042S
			1200	RTX6242G	RTX6242V	RTX6242S
		800	800	RTX8842G	RTX8842V	RTX8842S
			1000	RTX8042G	RTX8042V	RTX8042S
			1200	RTX8242G	RTX8242V	RTX8242S
45RU	2177	600	600	RTX6645G	RTX6645V	RTX6645S
			800	RTX6845G	RTX6845V	RTX6845S
			1000	RTX6045G	RTX6045V	RTX6045S
			1200	RTX6245G	RTX6245V	RTX6245S
		800	800	RTX8845G	RTX8845V	RTX8845S
			1000	RTX8045G	RTX8045V	RTX8045S
			1200	RTX8245G	RTX8245V	RTX8245S

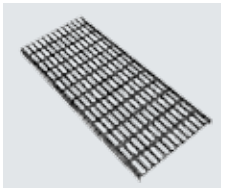
Height includes castors (mm)

SUPPLIED COMPLETE WITH

SHELVES

POWER RAIL

FAN UNIT



CABLE TRAYS

VERTICAL CABLE DUCT
(800 WIDE)

LEVELLING FEET

CASTORS

EARTH KIT

RT XPRESS

Same day dispatch of RTx and WR Series cabinets and accessories.

Rack Technologies
PREFORMED LINE PRODUCTS

RT SERIES II CABINETS

RT SERIES II

Rack Technologies **RT Series II** is a fully customisable design which allows for hundreds of variations in size and panel configuration.

With a 1000kg static load capacity **RT Series II** is designed with strength and flexibility in mind so you can simply configure your cabinet to suit your individual requirements. Visit **racktechnologies.com.au** and use our **RT Series II** rack builder to design your own cabinet. The Rack Technologies team will then construct your specific design and dispatch to your required location approx. 5 days from date of order.

Black in colour in 600mm and 800mm width with 6 different heights and 5 different depths plus numerous combinations of doors, panels and other accessories you will be hard pressed to find an application **RT Series II** cannot provide a solution for.

Designed and assembled in Australia ensures local requirements are catered for and delivery is scheduled to meet even the most challenging requirements.

FEATURES

- Modular design
- Flush finish panels
- Acrylic, Perforated, Curved Perforated, or Steel door options available
- Doors can be left or right hand hinged
- Concealed hinges and fasteners
- Quick release hinges and latches
- Durable powder-coated finish
- Vertical power rails can be mounted on uprights
- Superior weight to strength ratio
- Excellent corrosion resistance
- Adjustable mounting rails with RU markings
- Can be flat packed

ACRYLIC

PERFORATED

CURVED PERFORATED

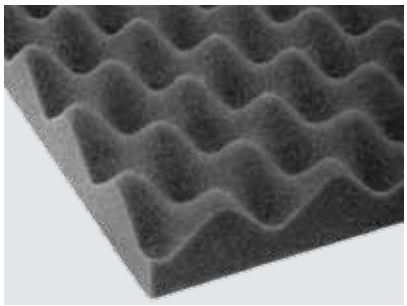
STEEL

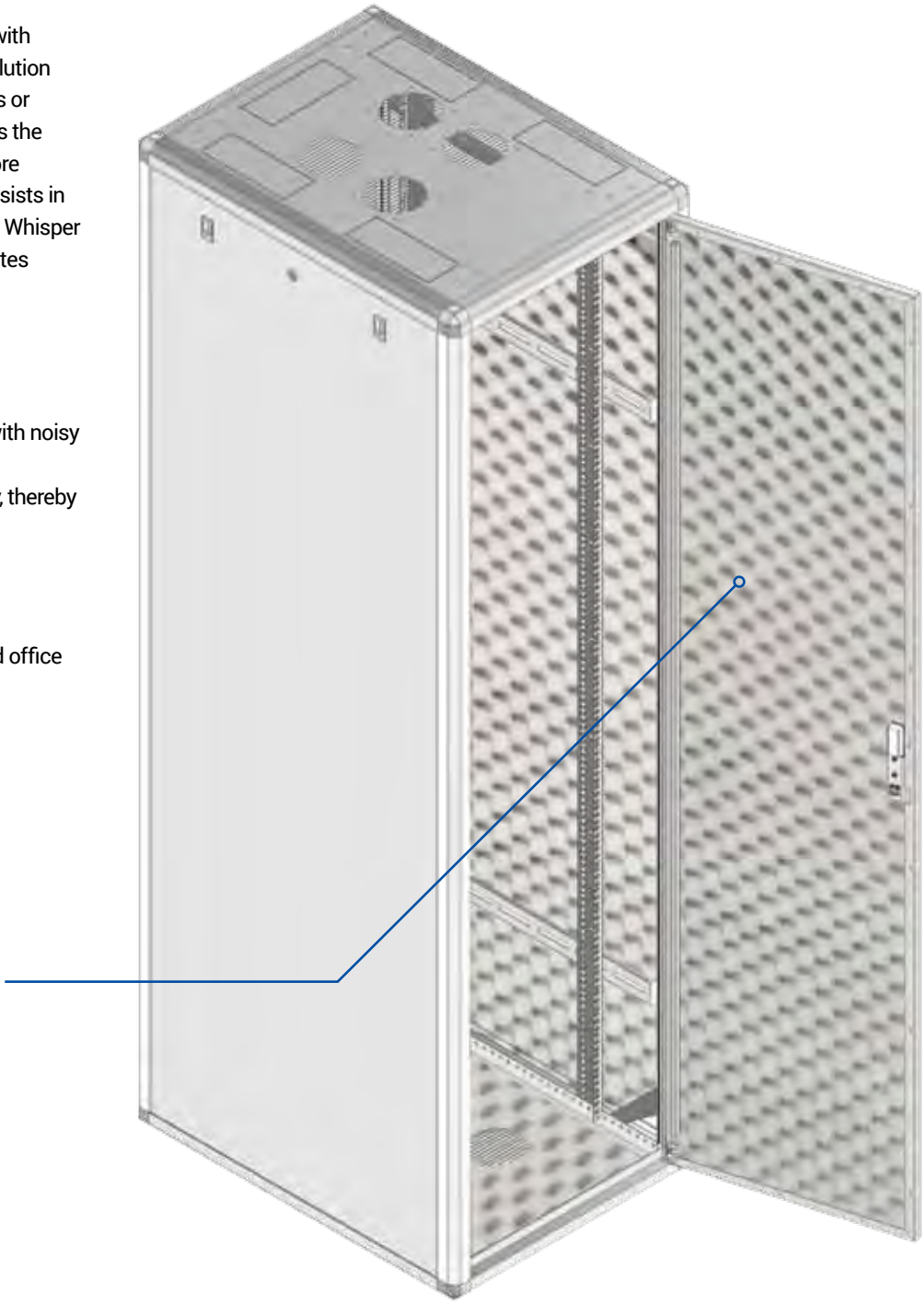
ACOUSTIC KIT

All **RT Series II** cabinets can be supplied with an acoustic foam kit which is the ideal solution for office environments with noisy servers or equipment. The attenuation foam reduces the decibel rating dramatically, ensuring a more pleasant and enjoyable workplace and assists in avoiding OH&S issues. This together with Whisper Quiet fans ensures your equipment operates quietly and efficiently.

FEATURES

- Assembled in factory
- Ideal solution for office environments with noisy servers or equipment
- Reduces the decibel rating dramatically, thereby avoiding OH&S issues
- Attenuation foam reduces the sound of equipment
- Whisper-quiet fans available
- Commonly used in banks, hospitals and office environments





To add the Foam Kit to your cabinet order simply add "FOAMKIT" as a prefix to the cabinet part number i.e. FOAMKIT-RT4501

Rack Technologies

PREFORMED LINE PRODUCTS

RT SERIES II CABINETS

Cabinet					Doors					Side Panel^	Top Panel	Base		
RU	Height	Width	Depth	Frame	Acrylic	Perforated	Curved Perforated	Steel	Bi-Fold*	Vented	Standard	Plinth	Gland Plate	Castors
12RU	656	600	600	RT1203	RT1211	RT1223	RT1223 - CURVED	RT1221	RT12YY - BIFOLD*	RT1233	RT4583	RT9051	9232-RB	9040-M
			800	RT1204						RT1234	RT4584	RT9052		
			900	RT1210						RT1236	RT4859	RT9151		
			1000	RT1201						RT1238	RT4591	RT9153		
			1200	RT1208						RT1239	RT4596	RT9174		
		800	600	RT1205	RT1212	RT1214	RT1214 - CURVED	RT1222	RT12YY - BIFOLD*	RT1233	RT4585	RT9150	9232-RB	9040-M
			800	RT1206						RT1234	RT4586	RT9069		
			900	RT1200						RT1236	RT4590	RT9152		
			1000	RT1207						RT1238	RT4592	RT9156		
			1200	RT1209						RT1239	RT4595	RT9175		
18RU	925	600	600	RT1803	RT1811	RT1823	RT1823 - CURVED	RT1821	RT18YY - BIFOLD*	RT1833	RT4583	RT9051	9232-RB	9040-M
			800	RT1804						RT1834	RT4584	RT9052		
			900	RT1810						RT1836	RT4859	RT9151		
			1000	RT1801						RT1838	RT4591	RT9153		
			1200	RT1808						RT1839	RT4596	RT9174		
		800	600	RT1805	RT1812	RT1814	RT1814 - CURVED	RT1822	RT18YY - BIFOLD*	RT1833	RT4585	RT9150	9232-RB	9040-M
			800	RT1806						RT1834	RT4586	RT9069		
			900	RT1800						RT1836	RT4590	RT9152		
			1000	RT1807						RT1838	RT4592	RT9156		
			1200	RT1809						RT1839	RT4595	RT9175		
27RU	1325	600	600	RT2703	RT2711	RT2723	RT2723 - CURVED	RT2721	RT27YY - BIFOLD*	RT2733	RT4583	RT9051	9232-RB	9040-M
			800	RT2704						RT2734	RT4584	RT9052		
			900	RT2710						RT2736	RT4859	RT9151		
			1000	RT2701						RT2738	RT4591	RT9153		
			1200	RT2708						RT2739	RT4596	RT9174		
		800	600	RT2705	RT2712	RT2714	RT2714 - CURVED	RT2722	RT27YY - BIFOLD*	RT2733	RT4585	RT9150	9232-RB	9040-M
			800	RT2706						RT2734	RT4586	RT9069		
			900	RT2700						RT2736	RT4590	RT9152		
			1000	RT2707						RT2738	RT4592	RT9156		
			1200	RT2709						RT2739	RT4595	RT9175		

RT SERIES II

Building your custom **RT Series II** cabinet has never been easier. Simply select your component part numbers from above. Email your enquiry to our friendly staff **sales@rack-tech.com** or **build your own @ racktechnologies.com.au** and we will get back to you with a quote.

STEP 1
Select your required height from the table above

STEP 2
Choose the correct width for your area.

STEP 3
Pick the required depth for your area.

STEP 4
Select your desired front door style

Cabinet					Doors					Side Panel^	Top Panel	Base		
RU	Height	Width	Depth	Frame	Acrylic	Perforated	Curved Perforated	Steel	Bi-Fold*	Vented	Standard	Plinth	Gland Plate	Castors
38RU	1815	600	600	RT3803	RT3811	RT3823	RT3823 - CURVED	RT3821	RT38YY - BIFOLD*	RT3833	RT4583	RT9051	9232-RB	9040-M
			800	RT3804						RT3834	RT4584	RT9052		
			900	RT3810						RT3836	RT4859	RT9151		
			1000	RT3801						RT3838	RT4591	RT9153		
			1200	RT3808						RT3839	RT4596	RT9174		
		800	600	RT3805	RT3812	RT3814	RT3814 - CURVED	RT3822	RT38YY - BIFOLD*	RT3833	RT4585	RT9150	9232-RB	9040-M
			800	RT3806						RT3834	RT4586	RT9069		
			900	RT3800						RT3836	RT4590	RT9152		
			1000	RT3807						RT3838	RT4592	RT9156		
			1200	RT3809						RT3839	RT4595	RT9175		
42RU	1992	600	600	RT4203	RT4211	RT4223	RT4223 - CURVED	RT4221	RT42YY - BIFOLD*	RT4233	RT4583	RT9051	9232-RB	9040-M
			800	RT4204						RT4234	RT4584	RT9052		
			900	RT4210						RT4236	RT4859	RT9151		
			1000	RT4201						RT4238	RT4591	RT9153		
			1200	RT4208						RT4239	RT4596	RT9174		
		800	600	RT4205	RT4212	RT4214	RT4214 - CURVED	RT4222	RT42YY - BIFOLD*	RT4233	RT4585	RT9150	9232-RB	9040-M
			800	RT4206						RT4234	RT4586	RT9069		
			900	RT4200						RT4236	RT4590	RT9152		
			1000	RT4207						RT4238	RT4592	RT9156		
			1200	RT4209						RT4239	RT4595	RT9175		
45RU	2125	600	600	RT4503	RT4511	RT4523	RT4523 - CURVED	RT4521	RT45YY - BIFOLD*	RT4533	RT4583	RT9051	9232-RB	9040-M
			800	RT4504						RT4534	RT4584	RT9052		
			900	RT4510						RT4536	RT4859	RT9151		
			1000	RT4501						RT4538	RT4591	RT9153		
			1200	RT4508						RT4539	RT4596	RT9174		
		800	600	RT4505	RT4512	RT4514	RT4514 - CURVED	RT4522	RT45YY - BIFOLD*	RT4533	RT4585	RT9150	9232-RB	9040-M
			800	RT4506						RT4534	RT4586	RT9069		
			900	RT4500						RT4536	RT4590	RT9152		
			1000	RT4507						RT4538	RT4592	RT9156		
			1200	RT4509						RT4539	RT4595	RT9175		

***BI-FOLD DOOR STYLE:** YY = width (mm) and type:
11 = 600 wide - acrylic | 21 = 600 wide - steel | 23 = 600 wide - perforated | 12 = 800 wide - acrylic | 22 = 800 wide - steel | 14 = 800 wide - perforated

^**PRIVACY SIDE PANEL STYLE:** Simply add "-PP" to standard side panel part number i.e. RT2739-PP

ACCESSORIES

We have a a huge range of Shelves and Accessories see pages 22-35 for details. Don't forget to add them to your quote request.

STEP 5
Choose your desired rear door style

STEP 6
Add side panels to your new cabinet

STEP 7
Select the top of the new cabinet

STEP 8
Choose the required base options

Rack Technologies

PREFORMED LINE PRODUCTS

iQ SERIES CABINETS

The **iQ Series** 600mm and 800mm wide cabinet range is the most advanced Server Rack featured on the Australian market. A fully welded robust construction, made from durable steel with Black powder coated finish gives the **iQ Series** a variety of applications, whether in a data centre or in a stand alone environment.

The extra width on the outside of the vertical mounting rails can also be utilised for cable management, like the **iQ Series** Vertical Cable Management System. This is perfect for high density patching as it keeps all cable runs neat and manageable. The 600mm and 800mm wide Server Range is available in 38RU and 45RU configurations, including 800mm, 900mm, 1000mm and 1200mm depths. It will house most servers on the market today without overcrowding and allows excellent air flow for maximum cooling of precious server hardware. The **iQ Series** cabinet has been tested to 1000kg .

All **iQ Series** cabinets fitted with seismic bracing kit have successfully passed the seismic qualification tests as specified in Bellcore generic requirements GR-63-CORE for earthquake risk zone 4 in the United States. Test conducted by the University of Technology Sydney.

The **iQ Series** has been designed so you can customise your data centre requirements by utilising a frame and modular system to bay cabinets together, as well as a large variety of door configurations including 3 Point Locking and Bi Fold designs.

SIDE, PRIVACY & ROOF PANELS

Side panels are used to totally enclose cabinets using locks provided.
The panels sit flush with the cabinet when installed.

Privacy panels are used when baying cabinets together and a physical barrier is required between enclosures without the need for side panels. Privacy panels also prevent air leakage from one cabinet to another when bayed.

Roof panels are made with provision for fan cooling and cable entry which sits internally flush.

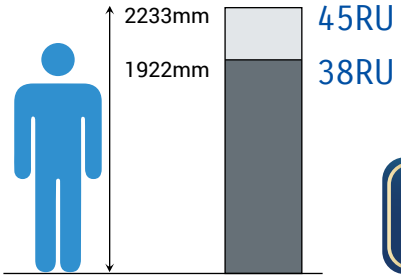
FRAME ONLY

CUSTOM BUILT AND MADE TO ORDER!

CONTACT US TODAY FOR A FREE QUOTE!

Cabinet					Doors				Side Panel	Roof	
RU	Height	Width	Depth	Frame	Acrylic	Perforated	Steel	Bi Fold	Solid	Roof	Canopy
38RU	1922	600	800	iQ3804	iQ3811	iQ3823	iQ3821	iQ3823 BIFOLD	iQ3834	iQ4584	iQ4576
			900	iQ3810					iQ3836	iQ4589	iQ4588
			1000	iQ3801					iQ3838	iQ4591	iQ4593
			1200	iQ3808					iQ3839	iQ4596	iQ4594
		800	800	iQ3806	iQ3812	iQ3814	iQ3822	iQ3814 BIFOLD	iQ3834	iQ4586	iQ4579
			900	iQ3800					iQ3836	iQ4590	iQ4597
			1000	iQ3807					iQ3838	iQ4592	iQ4598
			1200	iQ3809					iQ3839	iQ4595	iQ4599
45RU	2233	600	800	iQ4504	iQ4511	iQ4523	iQ4521	iQ4523 BIFOLD	iQ4534	iQ4584	iQ4576
			900	iQ4510					iQ4536	iQ4589	iQ4588
			1000	iQ4501					iQ4538	iQ4591	iQ4593
			1200	iQ4508					iQ4539	iQ4596	iQ4594
		800	800	iQ4506	iQ4512	iQ4514	iQ4522	iQ4514 BIFOLD	iQ4534	iQ4586	iQ4579
			900	iQ4500					iQ4536	iQ4590	iQ4597
			1000	iQ4507					iQ4538	iQ4592	iQ4598
			1200	iQ4509					iQ4539	iQ4595	iQ4599

CABINET HEIGHT GUIDE



iQ OPEN FRAME

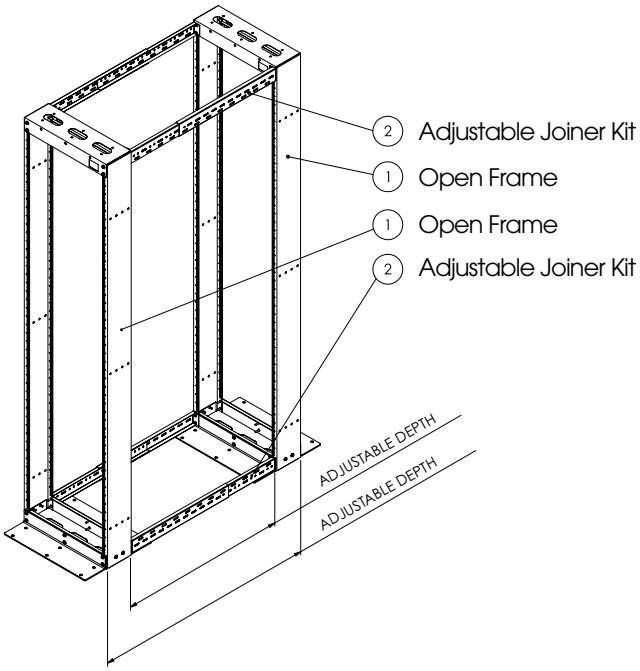
The **iQ Open Frame Series** has been designed specifically for high density patching applications associated with Data Centres.

There are several cable management options available utilising the **Rack Technologies** T-Finger design. The vertical cable managers are available in widths of 150mm, 300mm and 400mm.

The **iQ Open Frame Rack** can be bayed as many times as required in conjunction with the vertical cable management system. The 2-way hinged door cover design allows for ease of cable management as well as a neat and tidy finish. The **iQ Series** 2-post open frame has a 500kg load rating (dependent on application), while 4- post open frames have a 1000kg load rating. Standard colour is Black

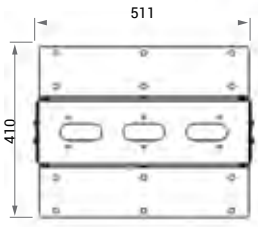
iQ OPEN FRAME SYSTEM

RU	Height	Width	Depth	Frame
38RU	1748	515	145	iQOF3801
45RU	2150			iQOF4501
52RU	2462			iQOF5201



ADJUSTABLE JOINER KIT

The adjustable joiner kit is used to join the frames together, turning a 2-post frame into a 4-post frame. The kit allows you to manually adjust the depth of the rack to accommodate your equipment.



OPEN FRAME FOOTPRINT

Part Number	Description
iQOF9511	Adjustable Joiner Kit for 600mm to 1000mm
iQOF9514	Adjustable Joiner Kit for 400mm to 600mm

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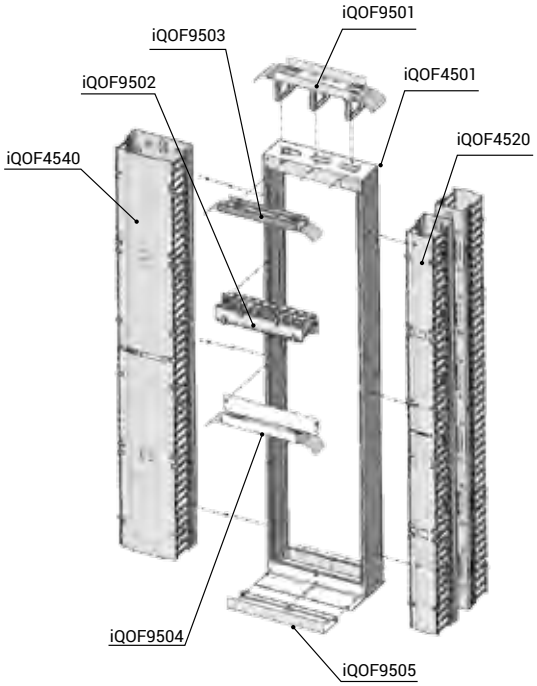
CABLE MANAGEMENT

The T-Finger Vertical Cable Management System is designed to handle high density cabling for termination or patching applications.

This system ensures neat cabling as well as adherence to bend radius requirements. A hinged door cover conserves any unsightly cables and has the ability to swing left or right for ease of cable installation.

The T-Fingers on our managers are mounted in 2RU increments and can be removed to allow the bending and entry of larger cable bundles via the top or bottom, left or right. The fingers are available in 2 (two) lengths - 93mm and 146mm. See pages 18-19 for cable management



CABLE SUPPORTS

- Supports and ensures bending radii are met
- Allows the entry of cables within 'the frame'

Part Number	Description
iQOF9501	Adjustable Top Water Fall Tray (Height adjustable to 60mm)
iQOF9503	Top Water Fall Support Tray (To route leads between managers)
iQOF9504	2RU Horizontal Cable Tray (To route leads between managers)
iQOF9505	Bottom Cable Tray (Used to take up the slack of leads)

iQOF9501 iQOF9503 iQOF9504 iQOF9505

CABLE SLACK SPOOL

Cable slack spools are used for both copper and fibre (allowing minimum bend radius) where the slack of the cable length is to be spooled inside the vertical management channels.

Part Number	Length
iQOF9506	70
iQOF9507	140
iQOF9508	210 (For extended finger & brackets only)

OPEN FRAME CHIMNEY

- Used for open frames
- Telescopic cable management chimney
- Adjustable 750mm (h) to 1270mm (h)
- Can be retro-fitted around existing cable installation
- Other sizes avilable on request

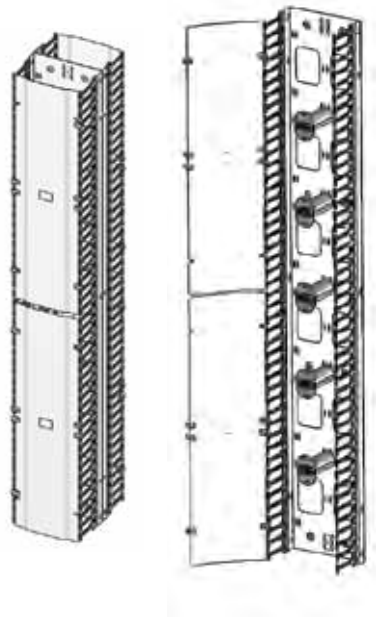
Part Number	Description
iQOF9520	Suits 150mm wide cable manager

STIFFENER PLATE

- Optional product to support open frames

Part Number	Description
iQOF9513	Used for 150mm, 300mm and 400mm (w) Managers

iQ OPEN FRAME



93MM

146MM

VERTICAL CABLE MANAGEMENT

- Designed to handle high density cabling, for termination or patching applications
- Refer to Cable Capacity Table on page 19

NOTE: Vertical cable managers can be easily mounted back to back utilising different sizes available.

93MM T-FINGERS

RU	150mm	300mm	400mm
38RU	IQOF3820	IQOF3840	IQOF3850
45RU	IQOF4520	IQOF4540	IQOF4550
52RU	IQOF5220	IQOF5240	IQOF5250

146MM T-FINGERS

RU	150mm	300mm	400mm
38RU	IQOF3820-150	IQOF3840-150	IQOF3850-150
45RU	IQOF4520-150	IQOF4540-150	IQOF4550-150
52RU	IQOF5220-150	IQOF5240-150	IQOF5250-150

HORIZONTAL CABLE MANAGEMENT

- Supports and ensures bending radii are met
- Routing of cable to maximise capacity

93MM T-FINGERS

RU	Part Number
1RU	iQOF9509
2RU	iQOF9502
4RU	iQOF9512

146MM T-FINGERS

RU	Part Number
1RU	iQOF9509-150
2RU	iQOF9502-150
4RU	iQOF9512-150

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VERTICAL CABLE MANAGERS FOR OPEN FRAMES

Part Number	Description	Cable Manager Spec			Recommended Cable Capacity				Maximum cable capacity			
		Interior width (mm)	Interior depth (mm)	Usable area (mm^2)	Cat 5e	Cat 6	Cat 6a	Cat 7/6a shielded	Cat 5e	Cat 6	Cat 6a	Cat 7/6a shielded
iQOFXX20	150mm wide cab/man 93mm T-fingers	131.00	173.0	22663.0	238	188	100	128	477	375	200	2 56
iQOFXX40	300mm wide cab/man 93mm T-fingers	281.00	173.0	48613.0	512	403	214	275	1023	805	428	550
iQOFXX50	400mm wide cab/man 93mm T-fingers	381.00	173.0	65913.0	694	546	290	373	1387	1092	581	746
iQOFXX20-150	150mm wide cab/man 146mm T-fingers	131.00	235.0	30785.0	324	255	136	174	648	510	271	348
iQOFXX40-150	300mm wide cab/man 146mm T-fingers	281.00	235.0	66035.0	695	547	291	374	1390	1094	582	747
iQOFXX50-150	400mm wide cab/man 146mm T-fingers	381.00	235.0	89535.0	942	741	394	507	1884	1483	789	1013

NOTE: XX = RU

VERTICAL CABLE MANAGERS FOR CABINETS

Part Number	Description	Cable Manager Spec			Recommended Cable Capacity				Maximum cable capacity			
		Interior width (mm)	Interior depth (mm)	Usable area (mm^2)	Cat 5e	Cat 6	Cat 6a	Cat 7/6a shielded	Cat 5e	Cat 6	Cat 6a	Cat 7/6a shielded
iQCMXX70	600mm wide cabinets 93mm T-fingers	28.5	122	3477	37	29	15	20	73	58	31	39
iQCMXX60	800mm wide cabinets 93mm T-fingers	61.5	158.5	9747.8	103	81	43	55	205	161	86	110
iQCMXX70-150	600mm wide cabinets 146mm T-fingers	28.5	184	5244	55	43	23	30	110	87	46	59
iQCMXX60-150	800mm wide cabinets 146mm T-fingers	61.5	220.5	13560.8	143	112	60	77	285	225	119	153

NOTE: XX = RU

HORIZONTAL CABLE MANAGERS FOR CABINETS

Part Number	Description	Cable Manager Spec			Recommended Cable Capacity				Maximum cable capacity			
		Interior width (mm)	Interior depth (mm)	Usable area (mm^2)	Cat 5e	Cat 6	Cat 6a	Cat 7/6a shielded	Cat 5e	Cat 6	Cat 6a	Cat 7/6a shielded
iQOF9509	1RU horizontal cab/man 93mm T-Fingers	25.5	127	3238.5	34	27	14	18	68	54	29	37
iQOF9502	2RU horizontal cab/man 93mm T-Fingers	68	127	8636	91	72	38	49	182	143	76	98
iQOF9512	4RU horizontal cab/man 93mm T-Fingers	153	127	19431	204	161	86	110	409	322	171	220
iQOF9509-150	1RU horizontal cab/man 146mm T-Fingers	25.5	188	4794	50	40	21	27	101	79	42	54
iQOF9502-150	2RU horizontal cab/man 146mm T-Fingers	68.5	188	12878	136	107	57	73	271	213	113	146
iQOF9512-150	4RU horizontal cab/man 146mm T-Fingers	154	188	28952	305	240	128	164	609	479	255	328

NOTE: This table lists estimated cable capacity for iQ Series cable management products. Cable capacity are estimates based on 5.5mm OD Cat 5e, 6.2mm OD Cat 6, 8.5mm OD Cat 6a, 7.5mm OD Cat 7/6a shielded 4-pair UTP horizontal cable. Cable OD varies with different size cables and specific manufacturer's cable types. To calculate recommended cable capacity for other size cables, divide the product's usable area by the area of the cable and multiply by 25% (50% for maximum fill). While every effort has been made to ensure the accuracy of all information, Rack Technologies does not accept liability for any errors or omissions.

CLASS C&B CABINETS

CLASS C TOP WITH VENT AND CABLE ENTRY HOLES

CLASS C&B SCEC ENDORSED CABINETS

Rack Technologies Class C & B Cabinets are manufactured to the stringent standards required by the Security Construction and equipment Committee (SCEC).

These cabinets provide high level security for data and communications equipment used in a secure network environment.

Rack Technologies Class C & B racks have been endorsed by the Security Construction and equipment Committee (SCEC) for the protection of classified equipment applications.

All frames are manufactured from corrosion resistant 2mm zinc annealed steel which are fully welded and load rated to 800kg. The low profile top and bottom frames help minimise the overall cabinet height.

Doors are manufactured using 1.5mm corrosion resistant zinc annealed steel and perforations are maximised to improve the ability to dissipate heat. Each SCEC endorsed door includes a 6mm anti drill plate and an independent locking mechanism. Solid, perforated or window doors are available with Class C or Class B locking mechanisms.

Cable entry slots in the top and the bottom panels provide easy access for cabling and power supply. SCEC endorsed racks come with cable entry baffles and cable entry covers as standard. Fan trays can be fitted to top and bottom if required. The top panel on 800mm wide versions come standard with 2 pipe baffles as well as pilot holes that provide flexibility in adding additional baffles when required.

Unlike most competitors in this sector, Rack Technologies has taken the bold step to keep some popular sizes “in stock” to allow “off the shelf” delivery of this SCEC endorsed range. Non stocked sizes or larger quantities are manufactured in Australia using the latest and most technologically advanced equipment ensuring highest quality standards are maintained.

FEATURES: (STANDARD SIZES)

- Rack Frame
- Mounting rails
- Levelling feet
- Front Perforated SCEC Door
- Rear Perforated SCEC Door
- 3 point locking on doors
- Solid Side Panels are internally secured
- PDU Tray x 2
- 100mm cable tray x 1
- 600mm wide cabinet includes 1 cable entry baffle box in top
- 800mm wide cabinet includes 1 pipe baffle each side in top (2)
- 800mm wide cabinet top includes pilot holes to allow installation of additional baffles
- Standard colour Grey Nurse Black other colours are available on request

WALL MOUNTED CABINET

CLASS C			
RU	Width	Depth	Part Number
12RU	600	650	RTCW6612
CLASS B			
12RU	600	650	RTBW6612

FLOOR STANDING CABINET

CLASS C			
RU	Width	Depth	Part Number
18RU	600	800	RTC6818
42RU			RTC6842
		1050	RTC6042
	800		RTC8042
	600	1200	RTC6242
	800		RTC8242
45RU	600	800	RTC6845
		1050	RTC6045
	800		RTC8045
	600	1200	RTC6245
	800		RTC8245
CLASS B			
18RU	600	800	RTB6818
42RU			RTB6842
		1050	RTB6042
	800		RTB8042
	600	1200	RTB6242
	800		RTB8242
45RU	600	800	RTB6845
		1050	RTB6045
	800		RTB8045
	600	1200	RTB6245
	800		RTB8245

A FULL RANGE OF ACCESSORIES ARE AVAILABLE ON REQUEST INCLUDING FANS, VERTICAL CABLE MANAGEMENT AND CABLE TRAYS.

POWER RAILS

RT POWER

Reliable Power Distribution is critical in any data environment. Rack Technologies prides itself in our commitment to only supply industry with Power Rails of the highest standards. Our range of Power Rails are manufactured to our stringent quality standards using only quality components before being load tested.

With a variety of socket and plug configurations in both Vertical and Horizontal formats there are hundreds of combinations available. The charts show our most popular "off the shelf" combinations but please contact our sales team for other requirements.

AUSTRALIAN STANDARD SOCKET POWER RAIL

Socket	Plug	Horizontal		Vertical	
		5 Way	10 Way	10 Way	20 Way
	10A	9001-RB	9003-RB	9004 -RB	9005-RB
	15A	9001-RB-15A	9003-RB-15A	9004-RB-15A	9005-RB-15A
	10A IEC	9001-RB-C14	9003-RB-C14	9004-RB-C14	9005-RB-C14
	15A IEC	9001-RB-C20	9003-RB-C20	9004-RB-C20	9005-RB-C20
	10A Captive	9001-RB-CAP10F	9003-RB-CAP10F	9004-RB-CAP10F	9005-RB-CAP10F
	15A Captive	9001-RB-CAP15F	9003-RB-CAP15F	9004-RB-CAP15F	9005-RB-CAP15F
	20A Captive	9001-RB-CAP20F	9003-RB-CAP20F	9004-RB-CAP20F	9005-RB-CAP20F
	20A Captive	9001-RB-CAP20R	9003-RB-CAP20R	9004-RB-CAP20R	9005-RB-CAP20R

STANDARD MAINS

10A IEC

15A IEC

20A CAPTIVE

15A CAPTIVE

RT XPRESS Same day dispatch of RTx and WR Series cabinets and accessories.

IEC SOCKET POWER RAIL

Socket	Plug	Horizontal	Vertical	
		12 Way	12 Way	20 Way
	10A	9012-RB	9008 -RB	9009-RB
	15A	9012-RB-15A	9008-RB-15A	9009-RB-15A
	10A IEC	9012-RB-C14	9008-RB-C14	9009-RB-C14
	15A IEC	9012-RB-C20	9008-RB-C20	9009-RB-C20
	10A Captive	9012-RB-CAP10F	9008-RB-CAP10F	9009-RB-CAP10F
	15A Captive	9012-RB-CAP15F	9008-RB-CAP15F	9009-RB-CAP15F
	20A Captive	9012-RB-CAP20F	9008-RB-CAP20F	9009-RB-CAP20F
	20A Captive	9012-RB-CAP20R	9008-RB-CAP20R	9009-RB-CAP20R

COMBO UNITS

Socket	Plug	18xC13 & 2xC19
	15A	9019-RB-15A
C13x18	15A IEC	9019-RB-C20
	15A Captive	9019 -RB-CAP15F
C19x2	20A Captive	9019 -RB-CAP20F
	20A Captive	9019 -RB-CAP20R

INTELLIGENT POWER RAILS

The industry push for efficiency has many end users and industry professionals seeking accurate and effective means to manage their critical power resources so that they can remotely monitor their energy efficiency. Rack Technologies can offer a wide selection of intelligent power rails ensuring ease of use, accuracy, reliability and functionality whilst still returning a low level total cost of ownership.

FEATURES:

- Total PDU or per outlet metering / monitoring
- Individual or group power outlet control
- Scheduled power outlet control
- Temperature and humidity detection
- Set alarm thresholds with alarm notifications
- Single or 3 phase PDU
- 240V and 400V
- Various outlet and plug types
- Central ManagementSoftware

Contact a Rack Technologies representative to discuss your Intelligent Power Rail requirements

FAN UNITS

FEATURES

- Improves air flow
- Safety protected finger guards fully installed, top and bottom
- Totally flush on top panel or frame
- Low noise level fans
- Supplied as complete with 2.5m lead and 3 pin plug
- Whisper quiet fans available on request for sensitive office environments
- Thermostat controlled fans available on request

High temperatures are any data installations greatest enemy as sensitive equipment performance deteriorates and equipment life reduces proportionally with excessive heat build up.

Rack Technologies can provide a wide range of equipment to eliminate heat concerns, from simple fan units through to airconditioning, hot and cold aisle containment systems and accessories designed to expel heat or increase chilled air entering the cabinet.

Select from fan units listed here or contact our sales team for advice on how to best manage your cooling requirements.

FAN KITS (1-FAN UNIT)

- Suits 450 depth WR Series

Part Number	Description
9181	1 fan unit
9181-W	1 fan unit - Whisper
9181-TH	1 fan unit - Thermostatic
9181-W-TH	1 fan unit - Whisper / Thermostatic

THERMOSTAT WHISPER FAN

FAN KITS (2-FAN UNIT)

- Suits floor standing cabinets and 600 depth WR Series

Part Number	Description
RT9182	2 fan unit
RT9182-W	2 fan unit - Whisper
RT9182-TH	2 fan unit - Thermostat
RT9182-W-TH	2 fan unit - Whisper / Thermostatic

THERMOSTAT WHISPER FAN

RU MOUNTABLE 2-FAN (CANTILEVER SHELF)

- Rectifies hot spots in cabinets

Part Number	Description
9020	2 fan unit
9020-W	2 fan unit - Whisper
9020-TH	2 fan unit - Thermostatic
9020-W-TH	2 fan unit - Whisper / Thermostatic

THERMOSTAT WHISPER FAN

RT XPRESS
Standard range only

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FAN KITS (4-FAN UNIT)

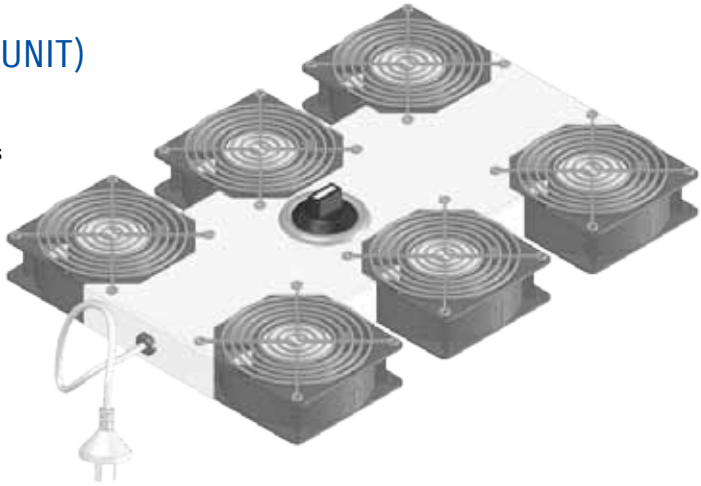
- Suits floor standing cabinets of any depth

Part Number	Description
RT9183	4 fan unit
RT9183-TH	4 fan unit - Thermostat
RT9183-W	4 fan unit - Whisper
RT9183-W-TH	4 fan unit - Whisper / Thermostatic

THERMOSTAT WHISPER FAN

FAN KITS (6-FAN UNIT)

- For 1000mm and 1200mm depth cabinets



Part Number	Description
RT9186	6 fan unit
RT9186-TH	6 fan unit - Thermostat
RT9186-W	6 fan unit - Whisper
RT9186-W-TH	6 fan unit - Whisper / Thermostatic

THERMOSTAT WHISPER FAN

FILTER KIT FOR SIDE PANELS

- A full range of filters are available to suit your needs
- Filters can be added during either production or can be retrofitted
- Prevent dust ingress into cabinet by filtering and blocked micro particles
- Filter kit consists of - filter guide, double-sided tape and dust filter

Part Number	Depth mm
9006	600
9007	800
9103	900
9105	1000

FAN FILTER

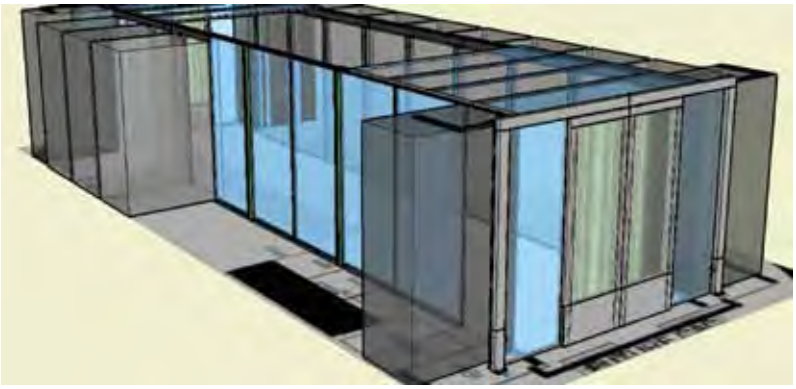
- Not suitable for 2-fan cantilever shelves
- Prevent dust ingress into cabinet by filtering and blocked micro particles

Part Number	Description
9076	2 fan unit
9077	4 fan unit

RT XPRESS

Standard range only

AISLE CONTAINMENT



HOT & COLD AISLE CONTAINMENT SOLUTIONS

Rack Technologies is the Australian Distributor of market leading Polargy Hot and Cold Aisle Containment solutions. Since 2007 Polargy has been the world leading designer and manufacturer of hot and cold aisle containment solutions for new data centre construction and retrofits. Polargy is the provider of choice for many world class – mission critical facilities owners and operators. Polargy containment is deployed by customers including Facebook, Verizon, Pixar Animation, Barclays and Dell.

Polargy customers save millions of Kilowatt Hours. Smart designs, innovative products and years of experience ensure that our clients achieve significant cost savings with cutting edge air flow management solutions completed on time and on budget.

Rack Technologies will provide a complete solution from consultation and design to installation.

INNOVATIVE SOLUTIONS

Drawing on years of experience serving these top mission critical operators, Polargy, together with Rack Technologies has a deep insight into all aspects of data centre infrastructure and has developed ingenious solutions to common and costly problems.

HOT AISLE CONTAINMENT

Containing the hot aisle is clearly the trend in new data centre construction for the enterprise segment. Hot aisle containment focuses on isolating hot exhaust air on its return to the CRAC units or on its way out of the building. Architects and Engineers prefer this method of air segregation because;

- Airside economisation designs that flood the whole room with cold air are easy to build
- It is much easier to achieve airflow balance with a common cold zone
- A common cool area in the space is more comfortable for users.

For these reasons, containment on the hot side sees wide adoption in new data centre builds.

COLD AISLE CONTAINMENT

Containing the cold aisle has been the most common approach for energy efficiency retrofits and many co-location and wholesale providers. Cold aisle containment confines the cold supply air within the aisle so that it is only available to the equipment and cannot escape out of the aisle ends or over the top of the aisle. The most common approach of this containment approach is aisle end doors and roof panels on a raised frame with perimeter CRACs.

Cold aisle containment is widely used on retrofits of existing site because the roofing approach can avoid the need to modify fire suppression and fits below existing cable trays and other obstructions. Co-location and wholesale providers like this method because it provides flexibility for layout changes. With individual contained cold aisles it is particularly important to monitor and balance the airflow within the aisles.

PREFABRICATED CONTAINMENT SYSTEMS

Rack Technologies, together with Polargy are changing the way containment is deployed during new construction to bring relief to build schedules and budgets. Polargy's pre fabricated, flat pack system is a smarter way to build because it installs in half the time of traditional stick built systems and costs significantly less. With the notion that containment is in the projects last phase, speeding its installation gives tremendous advantage to meeting schedules.

AISLE END CONTAINMENT DOORS

Great doors make for a great user experience in a contained data centre. Easy opening, smooth sliding, no threshold, auto closing and hold open features are attributes of Polargy Aisle end doors.

A variety of Aisle end containment doors are available including Polargy's unique, adjustable height sliding doors and easy to install swing doors.

AISLE CONTAINMENT ROOF PANELS

The polarplex Drop-away panel for use below sprinkler heads is another industry first from Polargy. These UL listed drop away panels resolve the "sprinkler head obstruction" problem associated with deploying containment. This unique hot and cold aisle containment solution is deployed horizontally across the aisles to create a tight containment barrier.

The panels are made of an aluminium frame with a special translucent insert. The panels are heat sensitive and fall away in high heat, allowing access for suppression systems. They are designed for use underneath lighting and fire suppression systems and are engineered to drop out in the event of a fire.

CONTAINMENT PANELS

Polarplex containment panels are an attractive containment solution for isolating above and around racks. They are typically deployed vertically to create an attractive, modular containment barrier. Made of anodized aluminium framing and fire safe inserts, the Polarplex containment panels are lightweight, cost effective and attractive looking. Systems can be ceiling suspended with an innovate quick connect and quick removal design or alternatively secured to rack tops or the floor.

CURTAIN PANELS AND STRIP CURTAIN DOORS

Polarplex containment curtains are an economical way to eliminate hot spots and overcooled zones. Made of high grade vinyl and installed with Polargys trouble free mounting system they are easy to install and flexible to re- deploy.

ENGINEERING AND DESIGN SUPPORT

Rack Technologies engineers offer design support for hot and cold aisle containment projects of any size. Rack technologies can create shop drawings from architectural drawings in CAD. We also offer design support where we assist architects and engineers in the development of a final project design. For retrofits with less specific documentation Rack Technologies prepares basic design documents from layout drawings and field measurements.

With a multitude of options and methods available, Rack Technologies can provide engineering support to ensure the most efficient method is deployed for your particular installation.

Contact Rack Technologies today for advice and pricing.

Ceiling Supported Hot Aisle Containment

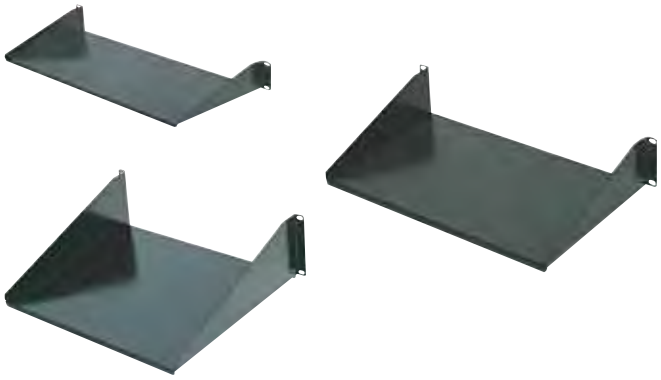
Cabinet Supported Hot Aisle Containment

Cabinet Supported Cold Aisle Containment

Floor Mounted Hot Aisle Containment

POLARGY

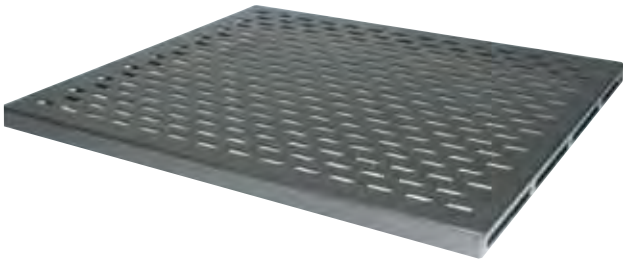
ACCESSORIES



CANTILEVER SHELVES

- Easily installed
- All fasteners included
- Suitable for all 19" cabinets
- Suitable for 19" wall mount cabinets
- Suitable for all 19" open frames
- Vented for better cooling

RU	Part Number	Width	Depth	Load Capacity
1RU	9021	483	170	20kg
2RU	9022		275	25kg
3RU	9023		390	30kg



FIXED SHELVES

- Heavy duty load bearing capacity of 100kg
- Fully vented
- Fixing screws concealed from view
- Easily installed
- Fixed shelves are supplied with mounting brackets

Part Number	Width	Depth	Description
9024	449	400	For use in cabinets 19" x min. 600mm deep
9025		450	For use in cabinets 19" x min. 600mm deep
9026		600	For use in cabinets 19" x min. 800mm deep
9080		700	For use in cabinets 19" x min. 900mm deep
9086		800	For use in cabinets 19" x min. 1000mm deep
9088		900	For use in cabinets 19" x min. 1000mm deep
9080-ST		700	For use in cabinets 19" x min. 1200mm deep

SLIDING SHELVES

- Slide to full length
- Load capacity of 50kg
- Ball bearing slide for greater control of heavy loads
- Fasteners included
- Fully vented
- Easily installed

Part Number	Description
9028	400mm runner (suits min. 600 deep cabinet)
9029	600mm runner (suits min. 800 deep cabinet)
9082	700mm runner (suits min. 900 deep cabinet)
9087	800mm runner (suits min. 1000 deep cabinet)

RT XPRESS

Pivoting Keyboard Shelf

- Allows for a standard width keyboard to be used in a 19" cabinet.
- Shelf must be withdrawn before keyboard tray can be pivoted for use

Part Number	Suitable for cabinets
9161-400	600mm deep cabinet
9161	800mm deep cabinet
9161-700	900mm deep cabinet

Keyboard and mouse not included.

DOCUMENT HOLDER

- Usually installed on the rear steel doors
- Clear or metal document holder
- Affixed with industrial strength adhesives

Part Number	Description	Dimension
9095	A4 metal document holder	250 x 250 x 32

ADJUSTABLE SHELF RAILS

- This product is user-friendly, easy to install, strong, lightweight and adjustable from 500mm to 880mm. Unlike shelves, these rails take up no RU space nor do they affect air flow
- The equipment support brackets mount easily to rails, providing a strong base for all types of 19", 21" and 26" equipment
- Fits up to 1000mm deep cabinets
- Supplied in pairs

Part Number	Suitable for cabinets
S-KIT-SRL-01-500925	500 to 880

Recessing bracket

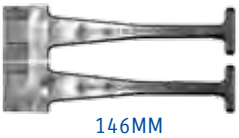
- Allows the recessing of equipment deeper into the cabinet
- A pair of recessing brackets are supplied with fasteners

Part Number	Description
9237	1RU 50mm recessing brackets (pair)
9237-100	1RU 100mm recessing brackets (pair)
9228	2RU 50mm recessing brackets (pair)

ACCESSORIES

SINGLE MODULAR

93MM



146MM

T-FINGER CABLE MANAGEMENT

- Suitable for 600mm and 800mm wide cabinets only
- Fits neatly alongside vertical rails within 600mm wide cabinets

Part Number	Usable Depth
iQCM08100	93mm T-finger 8RU single module
iQCM08100-150	146mm T-finger 8RU single module

Part Number	Usable Depth
iQCM42100	93mm T Finger 42RU
iQCM45100	93mm T Finger 45RU
iQCM42100-150	146mm T Finger 42RU
iQCM45100-150	146mm T Finger 45RU

VERTICAL CABLE MANAGEMENT

- Designed to handle high density cabling, for termination or patching applications
- Suitable for 800mm wide cabinets iQ & RT2 Series
- All fasteners provided

RU	Part Number	Width	Depth
18RU	iQCM1860	80	155
27RU	iQCM2760		
38RU	iQCM3860		
42RU	iQCM4260		
45RU	iQCM4560		

RU	Part Number	Width	Depth
18RU	iQCM1860-150	80	205
27RU	iQCM2760-150		
38RU	iQCM3860-150		
42RU	iQCM4260-150		
45RU	iQCM4560-150		

HORIZONTAL CABLE MANAGEMENT

- Supports and ensures bending radii are met
- Routing of cable to maximise capacity

93MM T-FINGERS

RU	Part Number
1RU	iQOF9509
2RU	iQOF9502
4RU	iQOF9512

146MM T-FINGERS

RU	Part Number
1RU	iQOF9509-150
2RU	iQOF9502-150
4RU	iQOF9512-150

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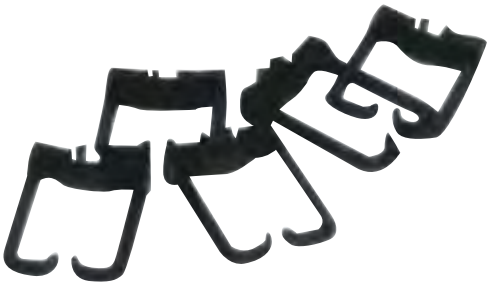


1RU CABLE RING

- Cable rings are sold separately and snap into all standard cagenut holes

RU	Part Number
1RU	9046

1RU CABLE RING WITH BRACKET

- Mount to side of 'L' rail
- Finger can be rotated 90°

Part Number
9046-VWC

1RU CABLE RING PANEL

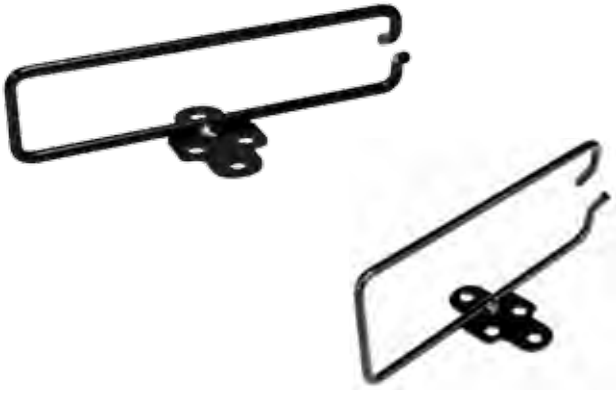
- 4 horizontal and 2 vertical combined cable rings can be re-configured
- Can be used with all 19" cabinets and wall mounted frames

Part Number
9045

LACING BAR

- 19" racks mountable
- Used for cable management in the rear of a patch panel
- All fasteners provided

Part Number	Dimension
9091	1RU x 483mm



CABLE MANAGEMENT RING 19" & 26"

- Retains cable in an orderly manner
- Designed to maximise area for vertical cable management, between shelf rails and side panels
- All fasteners provided
- Zinc annealed steel

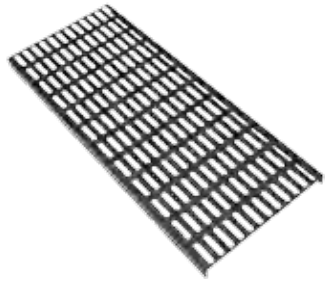
Part Number	Width	Depth	Description
9403-VL	30	150 Internal	19" (600mm wide) vertical
9046-VL	55		26" (800mm wide) vertical

ACCESSORIES

1RU & 2RU HORIZONTAL CABLE MANAGER

- All metal construction is superior to plastic counterparts
- Easy snap fit

RU	Part Number
1RU	9218
2RU	9198



CABLE TRAYS

- Easily installed
- All fasteners included
- Available in 12RU, 18RU, 27RU, 38RU, 42RU and 45RU

Part Number	Width
RT**51	150
RT**52	225
RT**53	300
RT**54	400
RT**55	450

NOTE: ** = height of cabinet in RU

ROOF BRUSHED CABLE ENTRY

- Protects cable bundles on cabinet entry
- Reduces dust infiltration into the cabinet
- Easy to mount
- Nylon brush

Part Number	Slot Dimensions	
	Width	Depth
9286	219	78

HORIZONTAL BRUSH CABLE ENTRY

- Can be used with all 19" shape equipment rails
- Allows cable to penetrate the cabinet while preventing dust ingress
- Helps prevent recirculation of hot air in cabinet
- Enables better management of cold air circulation in cabinet
- Aids front to rear cable entry
- All fasteners provided

RU	Part Number	Slot Dimensions	
		Width	Depth
1RU	9284	390	25
2RU	9285		60

RT XPRESS

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BLANK PANELS

- Used for aesthetics or to create an air dam
- Complete with fixing hardware

RU	Part Number
1RU	9041
2RU	9042
3RU	9043
4RU	9044
6RU	9202

EZIBLANK® BLANK PANELS

- Easy to use
- Saves money
- Simple to install
- Fits any rack size
- Enhance efficiency
- Environmentally friendly

Part Number	Description
RTDC-BKPNL01	Per box of 10 (10x 6RU blanking panels - Black)

TELESCOPIC CHIMNEY

TELESCOPIC CHIMNEY

- Adjustable height; up to 1270mm
- Can be retrofitted around an existing cable installation
- Large cable access area: 28,125 sq. mm
- Easily suits cable entry on top panel
- Standard top panel

Part Number	Height	Width	Depth
9230-RB	750	375	75

NOTE: Chimney height adjustable from750mm (h) to 1270mm (h)

FIXED CABINET CHIMNEY

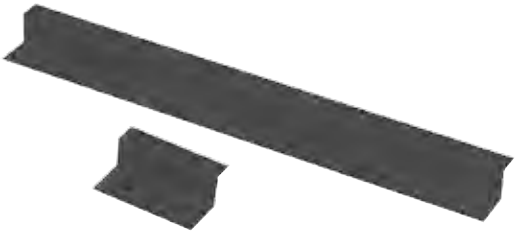
FIXED CABINET CHIMNEY

- To facilitate and enclose cable entry, from ceiling to cabinet
- Applies only to the freestanding cabinet range
- All fasteners provided
- Custom sizes upon request
- Easily suits cable entry on top panel
- Standard top panel

Part Number	Width
9078-RB	900h x 225w x 75d
9079-RB	1200h x 225w x 75d

RT XPRESS

ACCESSORIES



REAR WALL/FLOOR MOUNT KIT

- One size suits all
- Top and bottom supplied as one unit
- Maximum weight is determined by wall strength and fasteners
- Easily installed
- Rear wall/floor mount kit is supplied with fasteners, excludes wall/floor bolts

Part Number
9073-BL

ANTI-TILT BRACKET

- To be used with levelling feet
- Anti-tilt brackets are supplied with fasteners, excludes floor bolts

Part Number	Description
9038	Levelling foot anti-tilt clamp (set)

EARTHING KIT

- 400mm long earthing cable
- Earthing kit consists of: M6 rings at each end, 2x M6 studs, 4x M6 star washers

Part Number
9402

EARTHING BAR

- Copper earth bar is 3mm thick with, slotted and threaded holes

Part Number
C**55

NOTE: ** = height of cabinet in RU.

CAGE NUTS

- Set of cage nuts consist of: # x M6 cage nuts, # x M6 screws and # x M6 flat washers

# indicates 4 or 100

Part Number	Description
9074	Fastener kit (set of 4)
9075	Fastener kit (set of 100)

RT XPRESS

BAYING KIT

- Cabinets can be bayed externally
- Easily installed
- Baying kit consist of baying bracket and fasteners

Part Number	Description
9400	Cabinet corners baying bracket kit (pair)

LEVELLING FEET (SET OF 4)

- Maximum load capacity of 500kg
- Feet attach directly to frame for extra stability and support
- Levelling feet are fully adjustable
- Feet can raise cabinet enclosure 60mm off the ground
- Optional bottom plate with cable entry cut-out available upon request
- Solves uneven floor issues

Part Number	Description
9039-M	Suits all free standing cabinets; set of 4 (plinth not included)

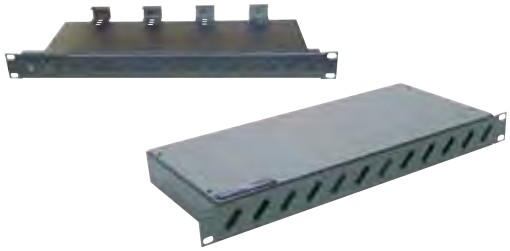
CABINET CASTORS (SET OF 4)

- Castors attach directly to cabinet frame for extra stability and support.
- Front castors have brakes
- Castors can raise the cabinet enclosure 100mm off the ground
- Maximum load capacity of 250kg (UDL)
- Bottom plate with cable entry cut-out available upon request

Part Number	Description
9040-M	Suits all free standing cabinets; set of 4 (not suitable with plinth)

FIXED FIBRE ENCLOSURE

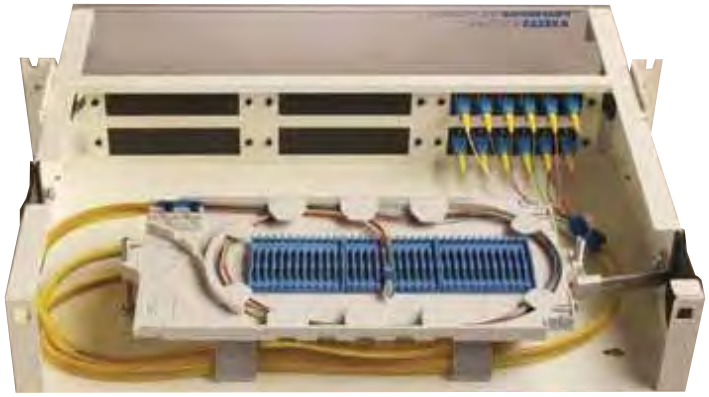
- Suitable for all 19" wide cabinets
- Internal cable management
- Able to accommodate splice cassettes
- Four entry points

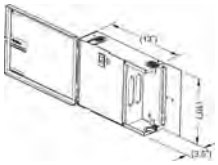


RU	Part Number	Width	Depth	Description
1RU	9065	600	220	24-way ST fixed fibre tray with lid Accepts 24x ST couplers
	9066		200	24-way SC fixed fibre tray Holds 12x duplex couplers
	9067			12-way ST fixed fibre tray with lid Accepts 16x ST couplers
	9060			12-way SC fixed fibre tray with lid Holds 6x duplex couplers
	9263			24-way LC duplex fixed fibre tray Holds 24x LC duplex couplers Can also hold 24x SC simplex couplers

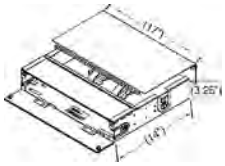
RT XPRESS

AXCESS SOLUTION PRE-TERMINATED CABINETS

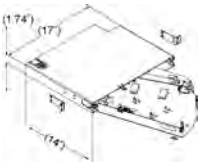




WALL MOUNT CABINET



RACK MOUNT CABINET



RDC2 RACK MOUNT CABINET WITH PIVOTING SHELF

RACK MOUNT CABINETS

- Universal mounting bracket to fit 19" (482 mm) or 23" (584 mm) racks
- Clear front door and access panels are removable for easy entry

WALL MOUNT CABINETS

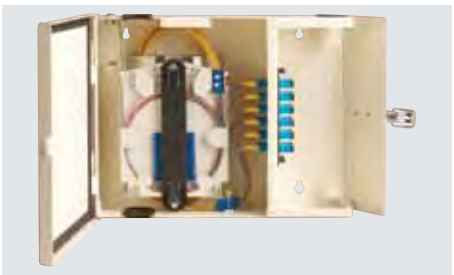
- Provides protected fibre splicing and connectivity
- Lockable inner door secures the splicing compartment
- Each cabinet may be ordered with adapter modules or pre-terminated to your exact specification
- Installation and mounting hardware included

FEATURES:

- Ready for splicing right out of the carton
- Cabinets are made from rugged 16 gauge steel
- Durable powder-coat finish
- Available in two colors - Almond or Black
- Accepts craft-friendly COYOTE splice trays
- Integral fibre storage
- High-density splicing and patching in single cabinet
- Assembled to your exact specifications
- 100% inspected
- Designed to provide substantial labour savings
- UPC or APC fibre polishes
- Colour coded pigtails
- Key hole slots for optional wall mounting
- Each cabinet may be ordered with adapter modules or pre-terminated to your exact specification

PRE TERMINATED WDC8 WALL MOUNT CABINET

WDC2 WALL MOUNT CABINET



PRE-TERMINATED WDC2 WALL MOUNT CABINET

RDC2 RACK MOUNT WITH PIVOTING SHELF

12 SC/UPC CONNECTIONS

RODENT PROTECTION PLATES

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Wall Mount Cabinets (Empty)				
Part Number	Description	Height	Width	Depth
WDC2_*	Wall Mount Cabinet up to 24 Fibre Connections and Splices**	10" (254 mm)	13" (330 mm)	3.5" (89 mm)
WDC4_*	Wall Mount Cabinet up to 48 Fibre Connections and Splices**	14" (356 mm)	13" (330 mm)	3.5" (89 mm)
WDC8_*	Wall Mount Cabinet up to 96 Fibre Connections and Splices**	17" (432 mm)	13" (330 mm)	5.5" (140 mm)
WDC12_*	Wall Mount Cabinet up to 144 Fibre Connections and Splices**	12" (305 mm)	17" (432 mm)	11" (279 mm)

* Wall Mount Cabinets: A for Almond or B for Black
** Maximum connection capacity only achieved with duplex adapters

Rack Mount Cabinets (Empty)					
Part Number	Description	Height	Width	Depth	Rack Units
RDC2_*	Wall Mount Cabinet up to 12 Fibre Connections and Splices**	1.75" (45 mm)	17" (432 mm)	14" (356 mm)	1
RDC3_*	Wall Mount Cabinet up to 36 Fibre Connections and Splices**	3.5" (89 mm)	17" (432 mm)	14" (356 mm)	2
RDC6_*	Wall Mount Cabinet up to 72 Fibre Connections and Splices**	3.5" (89 mm)	17" (432 mm)	14" (356 mm)	2
RDC12_*	Wall Mount Cabinet up to 144 Fibre Connections and Splices**	5.25" (133 mm)	17" (432 mm)	14" (356 mm)	3
RDC12X_*	Wall Mount Cabinet up to 144 Fibre Connections and Splices**	5.25" (133 mm)	17" (432 mm)	14" (356 mm)	4
RDC24_*	Wall Mount Cabinet up to 288 Fibre Connections and Splices**	14" (356 mm)	17" (432 mm)	14" (356 mm)	8

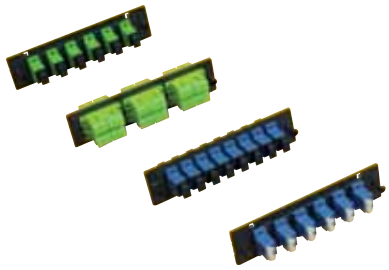
*Wall Mount Cabinets: A for Almond or B for Black
**Maximum connection capacity only achieved with duplex adapters

Cabinet Splice Tray Capabilities	Wall mount cabinet splice tray kit options				Rack mount cabinet splice tray kit options				
	WDC2	WDC4	WDC8	WDC12	RDC2	RDC3	RDC6	RDC12	RDC24
12ct Standard Part No: 80806033	2 Trays 24 max. splice count	2 Trays 24 max. splice count	N/A	N/A	1 Trays 12 max. splice count	N/A	N/A	N/A	N/A
36ct Low Profile* Part No: 8001127	N/A	N/A	6 Trays 144 max. splice count	9 Trays 216 max. splice count	N/A	3 Trays 72 max. splice count	3 Trays 72 max. splice count	6 Trays 144 max. splice count	12 Trays 288 max. splice count
36ct Standard* Part No: 80805514	N/A	N/A	4 Trays 96 max. splice count	6 Trays 144 max. splice count	N/A	2 Trays 48 max. splice count	2 Trays 48 max. splice count	4 Trays 96 max. splice count	8 Trays 144 max. splice count

*24 Count in Pre-Terminated Cabinets

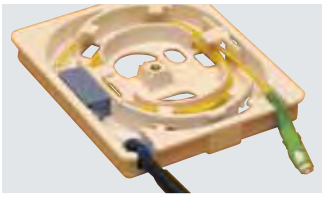
FIBRE PRODUCTS

PASSIVE OPTICAL COMPONENTS

Adapter Modules	Adapter Type	6 Adapters with Ceramic Sleeves	8 Adapters with Ceramic Sleeves	12 Adapters with Ceramic Sleeves
	SC/UPC	6SMSC	8SMSC	12SMDSC (6 Duplex)
	SC/APC	6SCAPC	8SCAPC	12SMDSCA (6 Duplex)
	ST	6SMST	8SMST	N/A
	LC	6SMLC (3 Duplex)	N/A	12SMLC (6 Duplex)
	LC/APC	N/A	N/A	12SMLCA (6 Duplex)
	FC	6SMFC	8SMFC	N/A
	FC/APC	6FCAPC	N/A	N/A

FIBRE PIGTAIL ADAPTER MODULES

Bundled 900 Micron Fibres inYellow Sleeve			6 Fibre Pigtail Cable Assemblies		12 Fibre Pigtail Cable Assemblies	
Factory Polishes			Connector Type	Part Number	Connector Type	Part Number
Connector	Return Loss	Insertion Loss	SC/UPC	P6SCU3*	SC/UPC	P12SCU3*
UPC	-55 dB min	0.2 typ 0.3 max	SC/APC	P6SCA3*	SC/APC	P12SCA3*
APC	-65 dB min	0.3 max	ST	P6ST3*	ST	P12ST3*
3mm Jacketed Jumper Cable Assemblies also available. Contact Rack Technologies for more details.			LC	P6LC3*	LC	P12LC3*
			FC	P6FC3*	FC	P12FC3*
			*Cable length in metres			



SPLICE AND STORE FIBRE WALL PLATE BASE

PIGTAIL STORAGE IN SPLICE AND STORE FIBRE WALL PLATE

SPLICE & STORE FIBRE WALL PLATE

FEATURES:

- Size: 4.5" W x 5" L x .87" D (114 mm x 127 mm x 22 mm)
- Designed for splicing and storing a pre-connectorized fibre pigtail
- Flame retardant
- Available colour: White
- Slack Storage: 8 ft (243 mm) of 2 mm or 4 ft (122 mm) of 3 mm jacketed fibre
- Fibre entrance ports through back and bottom edge of wall plate

Splice & Store Fibre Wall Plate Kit	
Part Number	Description
80061045	White Splice & Store Wall Plate: Includes (1) base, (1) cover, (1) blue LITE-GRIP® Sleeve, (1) felt strip, (2) tie wraps, and (1) security screw

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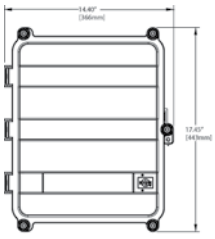
MPC (MULTI-PURPOSE CLOSURE)

MPC is constructed of durable, UV stabilized, flame retardant (UL 94-5VA) polymer to permit interior or exterior applications. Eight cable entrance ports around the exterior accept an easy-to-use grommet system and standard commercially available fittings. The closure's interior can be configured to address slack storage, splicing, cross-connect, hardened adapter applications or any combination. Pre-terminated configurations are also available to minimize the amount of labour required during installation.

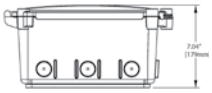
FEATURES:

- 8 Cable entrance ports around closure exterior
- Cable entrance ports accepts PLP grommet adapters or commercially available fittings
- Easy to use grommet system – 7 different multi and single hole grommets to choose from
- Constructed with UL 94 5VA polymer compounds, to provide the highest flame resistant rating
- Interior grid hole pattern allows custom organization of various components
- Integrated rubber seal designed to eliminate water entry
- Custom logo plaques available to identify your company logo – contact your Rack Technologies representative for further details
- Offers NEMA4 performance
- Tested in accordance to elem elements of the Telcordia GR-771-CORE specification
- OptiTap™ is a registered trademark of Corning Cable Systems.



CUSTOM DESIGN APPLICATIONS

STANDARD MPC



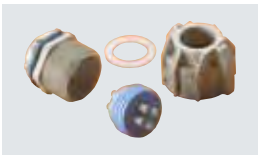
DEEP MPC

CUSTOM DESIGN APPLICATIONS

MPC

MPC FOR OPTITAP™ APPLICATIONS

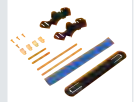
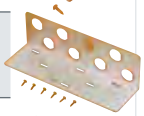
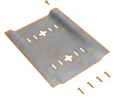
MPC FOR CROSS-CONNECT APPLICATIONS



4 HOLE GROMMET PORT ADAPTER KIT

GROMMET PORT ADAPTER

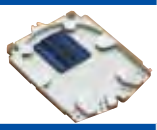
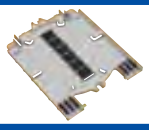
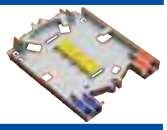
Standard MPC Kits	
Part Number	**Description**
COYMPC-000	Standard MPC (EMPTY)
COYMPC-001	Standard MPC with (1) 4-Hole Grommet Port Adapter Kit (P/N:8003812) and (1) Organizer Clip Kit (P/N:8003813)
COYMPC-002	Standard MPC with OptiTap™ Adapters - Includes (1) Bulkhead with 2 OptiTap Adapters, (1) 4-Hole Grommet Port Adapter Kit (P/N:8003812), (1) 8-Hole Grommet Port Adapter Kit (P/N: 8003818), (1) Organizer Clip Kit (P/N: 8003813), (1) Storage Bracket Kit (P/N: 8003811), and (1) Grommet Port Adapter Shroud (P/N: 80808467)
COYMPC-003	Standard MPC with Step Grommets - Includes (1) Step Grommet Kit (P/N: 80808618) and (1) Organizer Clip Kit (P/N: 8003813)
COYMPC-004	Standard MPC with Splice Tray and Grommets - Includes (1) 4-Hole Grommet Port Adapter Kit (P/N:8003812), (1) 2-Hole Grommet Port Adapter Kit (P/N: 8003828), (2) Organizer Clip Kits (P/N: 8003813), (2) Cable Restraint Brackets (P/N: 8003829), (2) Tray Brackets (P/N: 80808689), and (1) Standard Short Splice Tray -12 splice count (P/N: 80806033)
COYMPC-005	Standard MPC with Bulkhead and Tray Supports - Includes (2) 6 Port SM, SC/UPC Adapter Plates (P/N: 7500367), (3) 4-Hole Grommet Port Adapter Kit (P/N:8003812), (2) Organizer Clip Kits (P/N: 8003813), (1) 1-Hole Grommet Port Adapter Kit (P/N: 8003827), and (4) Cable Restraint Brackets (P/N: 8003829)
COYMPC-006	Standard MPC with LITE-GRIP® Tray and Tray Supports - Includes (2) Organizer Clip Kits (P/N: 8003813), (1) 1-Hole Grommet Port Adapter Kit (P/N: 8003827), (1) Cable Restraint Brackets (P/N: 8003829), (1) LITE-GRIP Short Splice Tray - 16 splice count (P/N: 80808392), and (1) Splice Tray Support Kit (P/N: 80808853)
COYMPC-008	Standard MPC with (2) Organizer Clip Kits (P/N: 8003813) and (4) 2-Hole Grommet Port Adapter Kits (P/N: 8003828)

Deep MPC Kits		
Part Number	**Description**	**Accessory**
8003813	Organizer Clip Kit for Standard or Deep MPC - contains 3 clips	
8003870	Dual Organizer Clip Kit for Deep MPC contains 3 clips (Deep MPC Only)	
8003811	Storage Bracket Kit contains 2 brackets	
80808853	Tray Bracket Kit for either Standard MPC or Deep MPC - contains (2) tray brackets, (2) studs, (1) hold down strap, (4) nylon cable clamps, and (1) felt strip	
8003829	Cable Restraint Bracket Kit contains 1 restraint bracket	
80808467	Raceway Shroud Kit contains 1 shroud	
80808508	2 Port Internal OptiTap™ Bracket Kit - includes adapters	
8003824	8 Port Internal OptiTap™ Bracket Kit - does not include adapters	
80808916	Empty Bulkhead Kit for Standard or Deep MPC - Accepts 2 Adapter Modules	
80808960	Empty Bulkhead Kit for Deep MPC ONLY - Accepts 4 Adapter Modules	
80808982	MPC Pole Mount Bracket Kit	

NOTE: For other COYOTE MPC Cross-Connect Accessories, refer to the COYOTE Passive Optical Components & PLC Splitters Modules Section on page 38. OptiTap™ is a registered Trademark of Corning Cable Systems.

Deep MPC Kits	
Part Number	**Description**
COYMPC-D000	COYOTE Deep MPC (EMPTY)
COYMPC-D001	COYOTE Deep MPC with (1) 4-Hole Grommet Port Adapter Kit (P/N:8003812), (1) Cable Restraint Bracket (P/N: 8003829), and (2) Dual Organizer Clip Kits (P/N:8003870)

MPC Grommet Port Adapter Kits			
Part Number	**Cable Range**	**Description**	**Accessory**
8003825	.825" - 1" (21 mm - 25 mm)	1 Hole Grommet Port Adapter	
8003826	.60" - .825" (15 mm - 21 mm)	1 Hole Grommet Port Adapter	
8003827	S.40" - .60" (10 mm - 15 mm)s	1 Hole Grommet Port Adapter	
8003828	.275" - .500" (7 mm - 12 mm)p	2 Hole Grommet Port Adapter	
8003812	.120" - 275" (3 mm - 7 mm)	4 Hole Grommet Port Adapter	
8003818	.120" - .200" (3 mm - 5 mm)	8 Hole Grommet Port Adapter	
80808618	.070" - 1.00" (1.8 mm - 25 mm)	Stepped Grommet Kit	

Splice Tray Selections for COYOTE MPC	Splice Tray 12ct Standard Profile (Single Fusion)	LITE-GRIP® Short Tray 24ct Low Profile (Single Fusion)	40ct Deep Profile LITE-GRIP® Short Tray (Single Fusion/ Double Stack)
			

Part Number	80806033		80809958		80808945	
COYOTE MPC Type	**Tray Count**	**Splice Count**	**Tray Count**	**Splice Count**	**Tray Count**	**Splice Count**
Standard MPC	3	36	4	96	2	80
Deep MPC	8	96	12	288	6	240

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