

Prism data cabinets ●



Prism Data Cabinets have been manufacturing high quality enclosures for the communications industry since 1997 and we like to think our substantial growth as a company in the subsequent five years – the publication of this new catalogue coincides with our second premises-move in the same period – is testament to the quality of our products and our commitment in all areas of customer service.

While this catalogue announces the availability of our new FI Server Cabinet Range, demand for our standard enclosures continues unabated and they can be found in such prestigious establishments as Government Foreign & Commonwealth Offices worldwide, the BT Tower, Madame Tussauds, the Lotus and Mercedes Benz headquarters, Comet stores nationwide and The Wimbledon Lawn Tennis Club.

We believe our considerable, fast-growing and varied customer base is an indication of the success of our self-appointed targets as regards the customers' needs and requirements. Our sales teams' guiding light is that no query is too small and no job too big.

We are committed to next-day delivery of stock items and those products we do not deliver on our own fleet of custom-made vans are subject to internet-tracking. Furthermore, proof of delivery can be faxed to you, if required, and our level of customer service even extends to the availability of on-site assembly by our team of drivers and engineers.

New product range

To complement the existing range our in-house team of engineers have designed the FI Server Cabinet, a high-tech, new design of enclosure which we believe offers a whole host of advantages to all those involved in the data installation chain.

Its' unique, modern and inventive design serves proof of our ongoing commitment to the upgrading of our product range and allied to the high levels of customer service and product awareness mentioned above, we believe Prism Data Cabinets is best served to cater for any and all customers' needs in the communications sector.

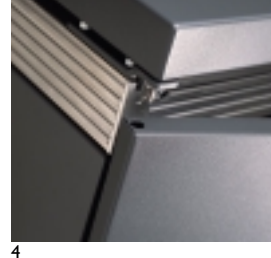
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Free standing cabinets

Server cabinet range





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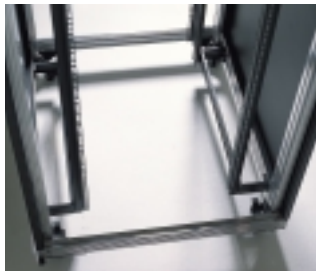
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FI Server cabinet range

Designed by our in-house team of engineers, the FI server cabinet range provides ease of commissioning, cable-routing and maintenance. The unique box-section folding technique on the front and rear doors ensure extra strength and rigidity. Furthermore, an attractive and modern looking exterior ensures it will fit well in any office environment.

Design features

Construction

- 1 Extruded polished aluminium chassis providing high load capacity

Access

- 2 180° door opening
- 3 Removable side panels, slide mechanism
- 4 Quick release doors
- 5 Large floor aperture

Visibility

- 6 Safety glass door
- 7 Vented rear door

Equipment installation

- 8 'U' height position markers for accurate equipment positioning. Due to their unique design all major server manufacturers products can be fitted

Thermal management

- 9 Ventilated front door and rear door
- 10 Roof mounted fan - may be retro fitted without disturbing installation

Security

- 11 Slam-latch lock, secures front door and rear door. Camlocks secure side panels

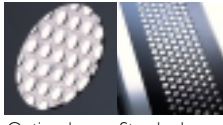
Finish

- Stove enamelled Graphite grey

Accessories

See pages 13-16

The FI server cabinet is available with two door styles. The standard doors are shown on pages 4+5, whilst the doors illustrated here are an alternative option.



Optional Standard



Free standing cabinets

19" 600mm wide

- **Size range: 27, 42, and 45u**

- Available in 900 or 1000mm deep

Standard FI Server Cabinet consists of:

- Aluminium frame construction clad with metal front and rear doors and lift off panels
- 1 x enclosed smoked glass front door with punched-vented surround (Includes a heavy-duty slam-latch lock)
- 1 x lockable rear swing door with punched-vented surround
- 2 x lockable metal lift-off panels
- 1 x vented top cover (can house up to 10 fans)
- 4 x transport castors
Please note that for ease of transport, assembled cabinets are delivered on standard castors. However, we do not recommend them for installation purposes.
- 4 x adjustable 19" universal-style profiles fitted front and rear
- 2 x adjustable mid-style profiles
- Stove enamelled Graphite grey finish

Options

The cabinet shown is standard.

The different style aluminium punched insert front and rear doors shown on pages 2+3 are available on request, for an extra premium.

Ordering information

600mm wide x 900mm deep

	width mm	height mm	depth mm	product code
27U	600	1410	900	FI-CAB2769
42U	600	2075	900	FI-CAB4269
45U	600	2210	900	FI-CAB4569

600mm wide x 1000mm deep

	width mm	height mm	depth mm	product code
27U	600	1410	1000	FI-CAB2761
42U	600	2075	1000	FI-CAB4261
45U	600	2210	1000	FI-CAB4561



Free standing cabinets
19" 800mm wide



- **Size range: 27, 42, and 45u**
- Available in 900 or 1000mm deep
- **Standard FI Server Cabinet consists of:**
- Aluminium frame construction clad with metal front and rear doors, and lift off panels
- 1 x enclosed smoked glass front door with punched-vented surround (Includes a heavy-duty slam-latch lock)
- 1 x lockable rear swing door with punched-vented surround
- 2 x lockable metal lift-off panels
- 1 x vented top cover (can house up to 10 fans)
- 4 x transport castors
Please note that for ease of transport, assembled cabinets are delivered on standard castors. However, we do not recommend them for installation purposes.
- 4 x adjustable 19" universal-style profiles fitted front and rear (cable management can be fitted to front if required)
- 2 x adjustable mid-style profiles
- Stove enamelled Graphite grey finish

Options

The cabinet shown is standard. The different style aluminium punched insert front and rear doors shown on pages 2+3 are available on request, for an extra premium.

Ordering information

800mm wide x 900mm deep

	width mm	height mm	depth mm	product code
27U	800	1410	900	FI-CAB2789
42U	800	2075	900	FI-CAB4289
45U	800	2210	900	FI-CAB4589

800mm wide x 1000mm deep

	width mm	height mm	depth mm	product code
27U	800	1410	1000	FI-CAB2781
42U	800	2075	1000	FI-CAB4281
45U	800	2210	1000	FI-CAB4581



Free standing cabinets

Data cabinet range





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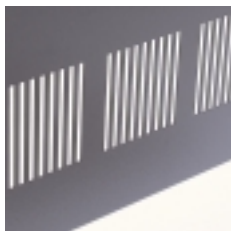
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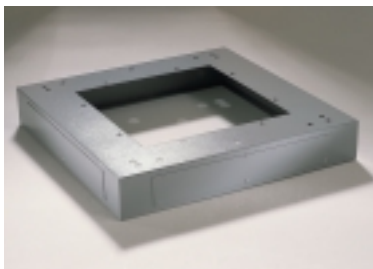
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PI Our original data cabinet range has become a popular selling unit over the years because it meets the all-round, standard requirements of data installation – ease of assembly and access, safety and security in use, and its' durability once assembled. In short, as good as value-for-money data cabinet that is available on the market today.

Design features

1 Construction

Steel frame chassis with a considerable load capacity

Access

- 2 Swing front door opening
- 3 Removable side panels
- 4 Large floor aperture
- 5 Quick release door pins

Visibility

- 6 Smoked glass front door

Equipment installation

- 7 'U' height position markers for accurate equipment positioning (cable management fitted to front of 800mm wide cabinets)

Thermal management

- 8 Ventilated side panels and rear door
See Options and Accessories below for additional thermal management alternatives

Security

- 9 Slam-latch front door lock (side and back panels also lockable)

Finish

Stove enamelled Goose grey
Other colours may be available on request, at additional cost

Options and Accessories

- 10 Roof mounted fan
- 11 Rack mounted fan
- 12 Plinth

See pages 13-16 for comprehensive list and explanation of usage



Free standing cabinets

19" 600mm wide

- **Size range: 18, 27, 39, 42 and 45u**
other sizes may be available on request
- Available in 600 or 800mm deep
- Standard colour finish is stove enamelled Goose grey (other colours may be available on request, i.e. Graphite grey finish on page 6)

Standard data cabinet consists of:

- 1 x enclosed glass front door with slam-latch lock
- 2 x lockable side panels
- 1 x rear swing door
- 1 x vented top cover
- 4 x 19" adjustable profiles
- 4 x transport castors
Please note that for ease of transport, assembled cabinets are delivered on standard castors. However, we do not recommend them for installation purposes.

Ordering information

600mm wide x 600mm deep

	width mm	height mm	depth mm	weight kg	product code
18U	600	990	600	50	CAB1866
27U	600	1360	600	70	CAB2766
39U	600	1930	600	90	CAB3966
42U	600	2070	600	95	CAB4266
45U	600	2205	600	105	CAB4566

600mm wide x 800mm deep

	width mm	height mm	depth mm	weight kg	product code
18U	600	990	800	55	CAB1868
27U	600	1360	800	75	CAB2768
39U	600	1930	800	95	CAB3968
42U	600	2070	800	110	CAB4268
45U	600	2205	800	120	CAB4568



Free standing cabinets
19" 800mm wide



- **Size range: 27, 39, 42 and 45u**
other sizes may be available on request
- Available in 600mm or 800mm deep
- Standard colour finish is stove enamelled Goose grey
- **Standard components** are the same as for the 600mm wide range opposite, but the 800mm wide unit comes with cable management attached to the front profiles
- **Options**
The 800mm cabinet *inset* illustrates some of the alterations that can be made to the standard cabinet. For example, the cabinet shown is Graphite grey and boasts aluminum-punched inserts on the side panels and rear door. Lead times will vary on non-standard items.



Ordering information

800mm wide x 600mm deep

	width mm	height mm	depth mm	weight kg	product code
27U	800	1360	600	85	CAB2786
39U	800	1930	600	120	CAB3986
42U	800	2070	600	130	CAB4286
45U	800	2205	600	135	CAB4586

800mm wide x 800mm deep

	width mm	height mm	depth mm	weight kg	product code
27U	800	1360	800	90	CAB2788
39U	800	1930	800	130	CAB3988
42U	800	2070	800	135	CAB4288
45U	800	2205	800	140	CAB4588

Common design features

Construction

- Welded mild steel construction providing high load capacity

Access

- Over 90° door opening with quick release pins
- Access holes with gland plates top and bottom

Visibility

- Perspex door panel

Equipment installation

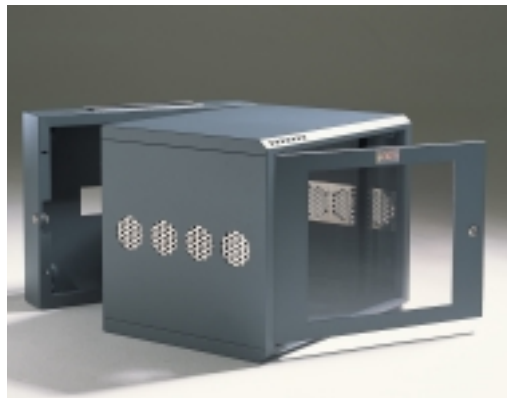
- 'U' height position markers for accurate equipment positioning

Thermal management

- Ventilated side and back panels

Security

- Fitted door lock



Wall boxes



600mm wide 2 section

- **Size range: 6, 9, 12, 15 and 18u**
 - 600mm wide x 550mm deep (detachable rear section 100mm deep; front section 450mm deep)
 - Earth bonding kit supplied (as with all wall boxes)
 - Stove enamelled Graphite grey finish
- Additional features include:**
- Lift off hinges connecting front and rear sections
 - Lockable perspex front door
 - Two adjustable 19" profiles to enable equipment/shelving positioning (see accessories page 13-16)
 - Brush-strip cut-out on top and bottom of wall box

Ordering information

	width mm	height mm	depth mm	weight kg	product code
6U	600	335	550	15	FI-WB6SB
9U	600	470	550	17	FI-WB9SB
12U	600	605	550	20	FI-WB12SB
15U	600	740	550	23	FI-WB15SB
18U	600	870	550	26	FI-WB18SB



700mm wide

- **Size range: 9, 12, 15 and 18u**
 - 700mm wide x 500mm deep
 - Stove enamelled Graphite grey finish
- Additional features include:**
- Slam-latch lock on front door
 - Quick release swing doors on side and rear to enable easy all-round access
 - Cable management panels fitted to profiles
 - Brush-strip cut out on top and bottom of wall box

Ordering information

	width mm	height mm	depth mm	weight kg	product code
9U	700	470	500	17	FI-WB9SD
12U	700	605	500	20	FI-WB12SD
15U	700	740	500	23	FI-WB15SD
18U	700	870	500	26	FI-WB18SD

Wall boxes

pi 600mm wide

- **Size range: 6, 9, 12, 15 and 18u**
- 600mm wide x 450mm deep
- **All of the PI wall boxes have the following features as a minimum:**
- Welded construction
- Lockable perspex front door in a steel surround (over 90° door opening with quick release pins)
- 2 x 19" uprights at front
- Access holes with gland plates top and bottom
- Vented side panels
- Earth bonding kit
- Stove enamelled Goose grey finish (colour options at additional cost)

Ordering information

	width mm	height mm	depth mm	weight kg	product code
6U	600	335	450	12	WB6
9U	600	470	450	14	WB9
12U	600	605	450	16	WB12
15U	600	740	450	18	WB15
18U	600	870	450	20	WB18



pi 700mm wide

- **Size range: 9, 12, 15 and 18u**
- 700mm wide x 500mm deep
- **Additional features**
- Slam-latch lock on front door
- Quick release swing doors on side and rear to enable easy all-round access
- Cable management panels fitted to profiles

Ordering information

	width mm	height mm	depth mm	weight kg	product code
9U	700	470	500	17	WB9/SD
12U	700	605	500	20	WB12/SD
15U	700	740	500	23	WB15/SD
18U	700	870	500	26	WB18/SD

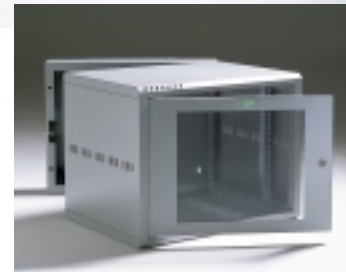


pi 600mm wide 2 section

- **Size range: 6, 9, 12, 15 and 18u**
- 600mm wide x 550mm deep (detachable rear section 100mm deep; front section 450mm deep)
- **Additional features include:**
- Lift off hinges connecting front and rear sections
- Lockable perspex front door
- Two adjustable 19" profiles to enable equipment/shelving positioning (see accessories page 13-16)

Ordering information

	width mm	height mm	depth mm	weight kg	product code
6U	600	335	550	15	WB6/SB
9U	600	470	550	17	WB9/SB
12U	600	605	550	20	WB12/SB
15U	600	740	550	23	WB15/SB
18U	600	870	550	26	WB18/SB



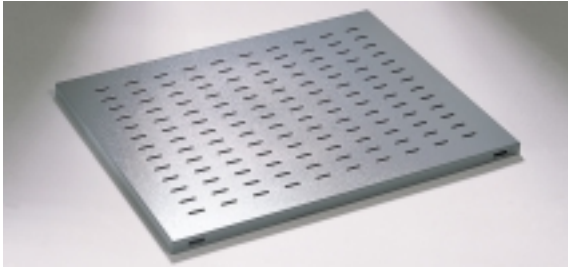


Accessories

- Shelves
 - Fixed
 - Telescopic
 - Cantilever
- Rotating keyboard shelf
- Cable tray
- Fans
 - Roof mounted
 - Rack mounted
- Plinths
- Castors and feet
- Baying Kits
- Power distribution units
- Blank panels
- Brush strip panels
- Cable management bars
- Jumper rings
- Cage nuts

Shelves

Fixed

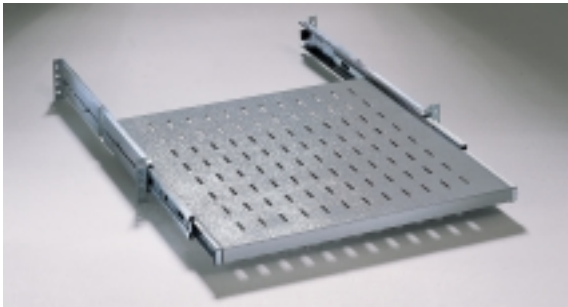


- Fixed between 19" mounting posts
- Vented
- Standard depths 450mm & 570mm, width 465mm

Ordering information

width mm	depth mm	product code
465	450	SHE450
465	570	SHE570

Telescopic

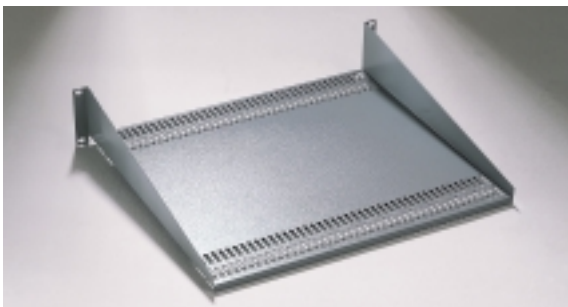


- Fixed between 19" mounting posts
- 450mm & 570mm standard depths

Ordering information

width mm	depth mm	product code
465	450	SHE450-TEL
465	570	SHE570-TEL

Cantilever



Sizes available: 1u x 200,
1u x 300, 2u x 400

- Fix to front mounting posts
- Vented
- Ideal for wallboxes

Ordering information

size	width mm	depth mm	product code
1u	465	200	SHE200/1FM
1u	465	300	SHE300/1FM
2u	465	400	SHE400/2FM

Rotating keyboard shelf



- Ideal for housing standard keyboards, which are larger than the 19" aperture. Also includes pull out mouse tray

Ordering information

size	depth mm	product code
1u	450	SHEKEY

Cable trays



Size range: 27u, 39u,
42u, 45u

- Widths available 100mm, 150mm and 300mm
- Stove enamelled Goose grey finish
- Other sizes/widths may be available on request

Ordering information

size	width 100mm code	150mm code	300mm code
27u	CT27100	CT27150	CT27300
39u	CT39100	CT39150	CT39300
42u	CT42100	CT42150	CT42300
45u	CT45100	CT45150	CT45300

Special shelves

Please contact us with details of your particular requirements for special shelving.

Fans

Roof mounted fan unit

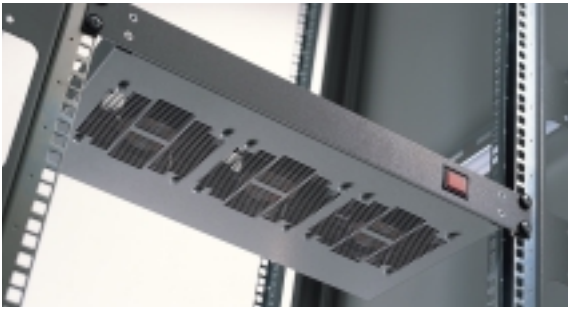


- Fitted with 4 fans or 2 fans on data cabinet range (6 way fans available on FI server range)
- Quiet fans (27db) are fitted as standard
- High Speed fans are available for increased heat dispersion

Ordering information

description	product code
2 Way	FAN2RM
4 Way	FAN4RM
6 Way	FAN6RM

Rack mounted fan unit

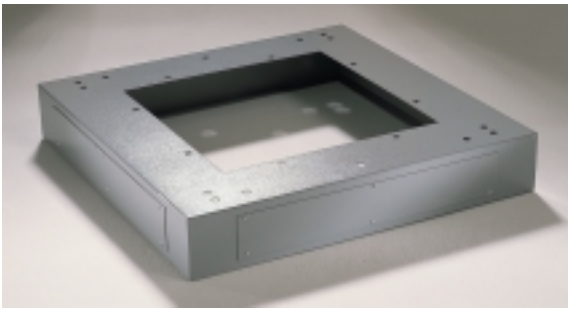


- 1u Height
- 2 - 4 Fans
- Fitted with quiet fans (27db) as standard
- High Speed fans are available for increased heat dispersion
- Smaller units (2 - 3 fans) are ideal for wall boxes

Ordering information

description	product code
2 Way	FAN2RK
3 Way	FAN3RK
4 Way	FAN4RK

Plinth



- Four Size Options
- Welded construction
- Gland plates on side and rear, 100mm high

Ordering information

width mm	height mm	depth mm	product code
600	100	600	PLINTH66-100
600	100	800	PLINTH68-100
800	100	600	PLINTH86-100
800	100	800	PLINTH88-100

Door conversion kit



- Fits beneath or above any door
- Provides access for cable and surface wiring applications

Ordering information

size	width mm	product code
3u	600	PAN3U600
3u	800	PAN3U800

Castors and feet



- Heavy Duty Castors supplied in sets of four (2 locking, 2 non-locking)
- Adjustable feet are supplied in sets of four

Ordering information

description	product code
Set of four heavy duty castors	CASTOR-HD
Set of four adjustable feet	FEET-SET

Baying kit



- Baying Kits are used to join cabinets together
- Please note that side panels must be removed in order to bay the cabinets together.*

Ordering information

description	product code
Baying Kit	BAYKIT01

Power unit



- Vertical PDU sizes available are 4, 5, 6, 8, 10, 12 way
- Horizontal PDU sizes available are 4, 5, 6 way
- Please note that a wide range of 'special' units are available eg. Filtered, European, USA, unswitched etc.*
- Lead times may vary according to specification required.*

Ordering information

	Vertical product code	Horizontal product code
4 Way	PDU4V	PDU4H
5 Way	PDU5V	PDU5H
6 Way	PDU6V	PDU6H
8 Way	PDU8V	
10 Way	PDU10V	
12 Way	PDU12V	

Blank panels



- Sizes: 1u, 2u, 3u, 4u
- Mild Steel, rolled edge
- Larger sizes available to order

Ordering information

size	product code
1u	BLPL1U
2u	BLPL2U
3u	BLPL3U
4u	BLPL4U

Brush strip panels



- Sizes: 1u, 2u
- Mild Steel fitted with a brush strip
- Ideal for 600mm wide cabinets as additional cable management

Ordering information

size	product code
1u	BRUSH1U
2u	BRUSH2U

Cable management bars



- Sizes 1U & 2U
- 4 rings, radiused edges
- Black finish

Ordering information

size	product code
1u 4 Ring	CMB1U4
2u 4 Ring	CMB2U4

Jumper rings



- 70mm x 70mm**
- Designed to fit on cable management on 800 wide cabinets
- Stove enamelled Goose grey
- 65mm x 45mm**
- Designed to fit to the 19" mounted posts
- Black finish

Ordering information

	height	depth	product code
1u	45	65	JUM1U
1u	70	70	JUM7070

Cage nuts



- 6mm Screws, plastic cup washers and cage nuts are supplied in packs of fifty and one hundred

Ordering information

description	product code
Bag of 50	CAGENUT50
Box of 100	CAGENUT100

