CANNON
TECHNOLOGIES

DOOR & LOCK OPTIONS — PAGES 4.0

STANDARD FEATURES
- Heights: 25U to 47U
- Two widths: 600mm & 800mm
- Options: Vented Glass, Vented Plain Steel, Maxi-Vent & Maxi-Vent Plus Curved, Split Wardrobe Doors
- Split door multi-point lock rod system
- Standard Swing Handle Lock
- Combination & Combi-Lock
- Electronic Lock

SIDE PANELS — PAGE 4.4

STANDARD FEATURES
- Heights: 12U to 54U
- Depths: 600mm to 1000mm (1200 = 2 x 600mm)
- Lockable side panels
- Security Bar
- Cable Aperture/Brush Strip Side Panel for cable interconnect
- Vented Side Panels
- SMART Cab Trims

QUICK FIT ACCESSORIES — PAGE 4.8

STANDARD FEATURES
- Fixed Shelf
- Cantilever (Modem) Shelf
- Telescopic Shelf
- Depth Support Members
- Chassis Support Angles

QUICK FIT & ROOF FAN UNITS — PAGE 4.11

STANDARD FEATURES
- Quick fit roof fan unit
- 2, 4 or 6 fans
- Low-noise fans
- Horizontal Flow Fan Unit – Page: **4.12**
- Locally Monitored Varifan – Page: **4.12**
- SMARTNET Fan Unit – Page: **4.13**
- Intermediate Vertical Flow Fan Unit – Page: **4.13**

STANDARD SHELVES — PAGE 4.14

STANDARD FEATURES
- Heights: 25U to 47U
- Three widths: 600mm, 700mm & 800mm
- Depths: 900mm to 1200mm
- MaxiVENT Plus Curved Perforated front & rear door
- Roof panel with multiple entry cable brush glands
- Maximum cable access through base
- Load rating: 1200kg static (sited directly on floor)

PAGE 4.16
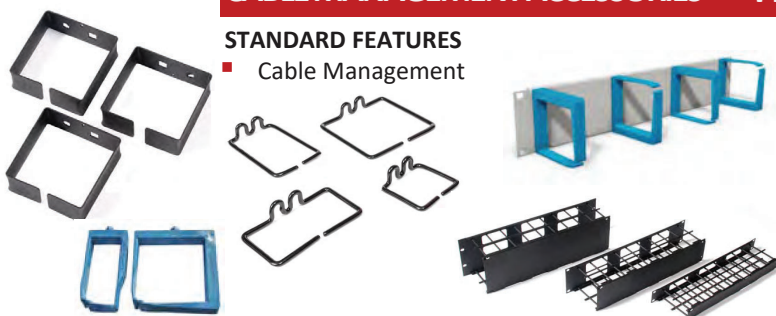
Vertical Cable Management & Extension Frame

PAGE 4.20

19" Mounting & Intermediate Posts, Depth Support Members & Infill Panels

PAGE 4.18

Cable Trays & Standard Chassis Supports

CABLE MANAGEMENT ACCESSORIES   PAGE 4.22

STANDARD FEATURES
- Cable Management

FIXINGS & BLANK PANELS   PAGE 4.26

STANDARD FEATURES

- Fixing Kits, CANNON Wrap, MiKEY Buttons
- Blank, Vented & Brush Panels

CASTORS, FEET , DOC WALLET & PLINTH   PAGE 4.28
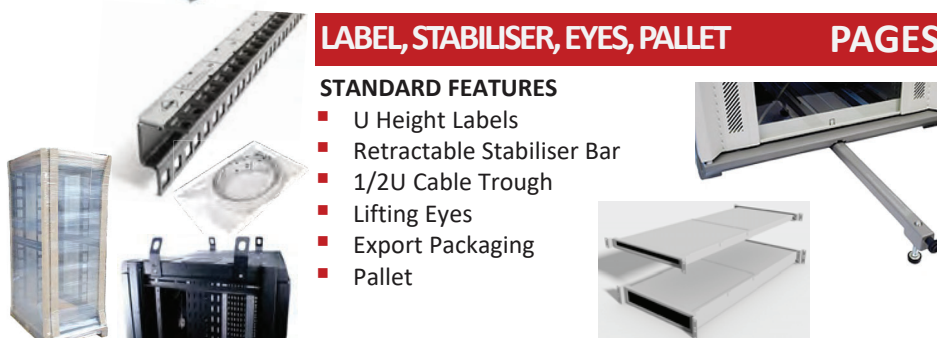
STANDARD FEATURES
- Light to Heavy Duty
- Adjustable Feet
- Fixed Plinth
- Mobile Plinth
- Document Wallet

LABEL, STABILISER, EYES, PALLET   PAGES 4.30

STANDARD FEATURES
- U Height Labels
- Retractable Stabiliser Bar
- 1/2U Cable Trough
- Lifting Eyes
- Export Packaging
- Pallet

EARTHING KITS   PAGE 4.32

STANDARD FEATURES
- Vertical & 19" Earth Bars
- Cabinet Earth Bonding Kits
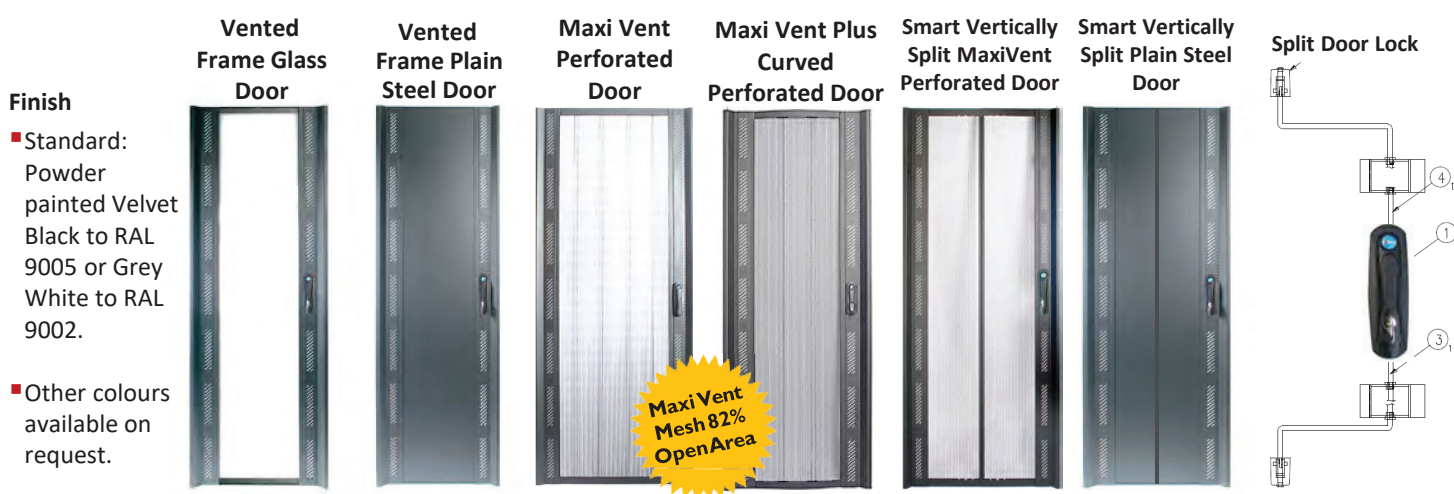- ESD Stud
- Anti-static Earth Straps

DOOR OPTIONS

Cannon unique Smart Doors are removable and lockable. Equipped with sprung hinges for easy removal with hinging to the left as standard or right-hand side of the cabinet on request.

Door opening 180° when bayed and 270° opening as stand alone or when at end of a bay. Cannon SMARTNET doors will allow personnel to exit past a cabinet in any direction at front, side or rear, with no obstruction and with minimal danger of snagging loose clothing. These requirements are critical, particularly in an emergency i.e. in smoke filled rooms, even with wide gangways.

Finish

- Standard: Powder painted Velvet Black to RAL 9005 or Grey White to RAL 9002.

- Other colours available on request.

Maxi Vent Mesh 82% Open Area

Height	Vented Frame Glass Door	Vented Frame Steel Door	Maxi Vent Perforated Door	Maxi Vent Plus Curved Perforated Door	Smart Vertically Split Maxi Vent Perforated Doors*	Smart Vertically Split Plain Steel Doors*	*Split Door Lock Rod Kit including swing handle & standard barrel
	Part Code	Part Code	Part Code	Part Code	Part Code	Part Code	Part Code
600mm Wide							
25U	235B85600025	235B65600025	235B95600025	715B90600025	265B90600025	265B60600025	LC265-1-6025
27U	235B85600027	235B65600027	235B95600027	715B90600027	265B90600027	265B60600027	LC265-1-6027
33U	235B85600033	235B65600033	235B95600033	715B90600033	265B90600033	265B60600033	LC265-1-6033
42U	235B85600042	235B65600042	235B95600042	715B90600042	265B90600042	265B60600042	LC265-1-6042
45U	235B85600045	235B65600045	235B95600045	715B90600045	265B90600045	265B60600045	LC265-1-6045
47U	235B85600047	235B65600047	235B95600047	715B90600047	265B90600047	265B60600047	LC265-1-6047
800mm Wide							
25U	235B85800042	235B65800025	235B95800025	715B90800025	265B90800025	265B60800025	LC265-1-8025
27U	235B85800047	235B65800027	235B95800027	715B90800027	265B90800027	265B60800027	LC265-1-8027
33U	235B85800042	235B65800033	235B95800033	715B90800033	265B90800033	265B60800033	LC265-1-8033
42U	235B85800047	235B65800042	235B95800042	715B90800042	265B90800042	265B60800042	LC265-1-8042
45U	235B85800042	235B65800045	235B95800045	715B90800045	265B90800045	265B60800045	LC265-1-8045
47U	235B85800047	235B65800047	235B95800047	715B90800047	265B90800047	265B60800047	LC265-1-8047

Please note that 900mm, 1000mm & 1200mm deep cabinets will come with perforated front and rear doors, all other cabinets will have a vented frame glass door (front) and a vented frame steel door (rear).

ALTERNATIVE LOCK OPTIONS AVAILABLE: SEE SECTION 4.1 to 4.3

CANNON SWING HANDLE LOCK

- A new concept in swing handle locks which stylishly incorporates the innovative Cannon Dual-Mode Lock which is a standard fitment to Cannon cabinets.

- Dual-Mode SNAP Lock – See Below for details.

- The pivoting lock cover can be secretly screw retained to prevent unauthorised access to the key-lock or can be wire/lead sealed.

Cannon Swing Handle Lock SMART NET / SMART CAB / SERVER SMART Cabinets.

LOCK OPTIONS
Mechanical Lock:

- Non-locking: Swing handle with dummy euro lock cylinder fitted.
- Dedicated Key Locking: Swing handle with customer specific key access.
- Swing handle will accommodate euro half cylinder locks with rotary or linear latch movement.
- Combination Lock: Swing handle with mechanical rotary entry code with or without key override.
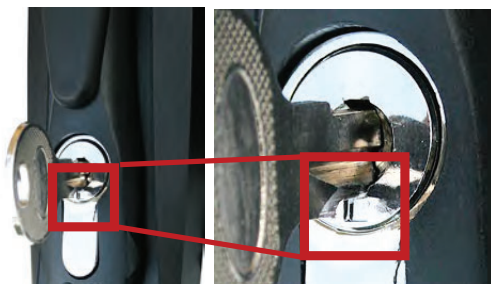
DESCRIPTION	ORDER PART CODE
Standard Swing Handle (each)	LC102
Unique Numbered Lock Barrels (pair)	LC138
Standard Swing Handle (each) for a Smart Vertically Split Door	LC265-1-Width of Cabinet & U Height i.e. **LC265-1-8042** for a 800mm wide & 42U Height Cabinet

CANNON DUAL-MODE EURO LOCK CYLINDER:

- Instant selection of "Snap-Lock" or "Non-Lock" settings.

Snap-Lock Mode

- Lock set in 6 o'clock position with key removed allows an open handle to be snapped shut and locked at any time without further use of the key.

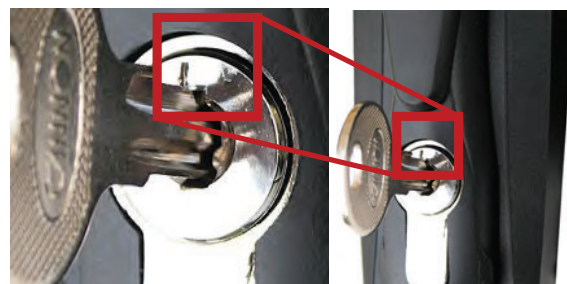**Non-Lock Mode**

- Lock set in 12 o'clock position with key removed allows the handle to freely open and close the door without being locked or the key being required.

Snap-Lock

Pictorial representation moulded into handle

Non-Lock

SWING HANDLE COMBINATION LOCK

- Swing handle fitted with a 'safe-type' dial-up deadlock.
- A rotary combination lock with unique 3 number entry
- Lock activates internal swing handle mechanism.
- Can be used with or without key override.

Image shows LC265-5-xxxx Swing Handle combination lock utilised with Cannon Split (wardrobe) door locking system*.

DESCRIPTION	ORDER CODE
SWING HANDLE COMBINATION LOCK	LC139-KIT
SWING HANDLE COMBINATION LOCK (EACH) FOR A SMART VERTICALLY SPLIT DOOR*	LC265-5-WIDTH OF CABINET & U HEIGHT I.E. LC265-5-8042 FOR A 800MM WIDE & 42U HEIGHT CABINET
3-POINT LOCK SYSTEM FOR CANNON 235B/715B DOORS – *PURCHASE SWING HANDLE ALSO*	LC293-5-XX (XX = "U" HEIGHT OF DOOR) I.E. 42U DOOR = **LC293-5-42**
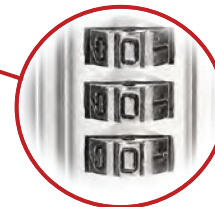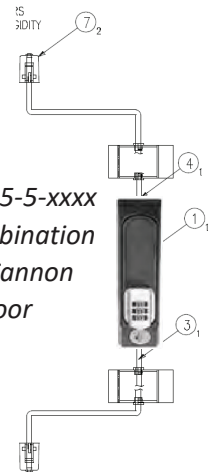
CANNON COMBI-LOK

- The Cannon COMBi-LOK provides selectable mechanical push-button code entry with unique key over-ride.

- The COMBi-LOK enables each client to have controlled access to specific enclosures, maintaining maximum integrity and security.

- Entry codes can consist of 1 to 10 digits, inserted in any order.

- Changing the entry code can either be completed by inserting the existing code, turning the lock to RESET, cancelling the existing code and re-entering a new code, or by over-riding the lock with a security Master Key** and then inserting the new code.

**Cannon Combi-Lok master key is not included with the lock, so if a master key is required please order the key separately.

CANNON COMBI-LOK MASTER KEY**

- The COMBi-LOK Master Key facility allows the re-setting of forgotten codes as well as emergency access for Data Centre management

***Image shows LC265-2-xxxx COMBI-LOK utilised with Cannon Split (wardrobe) door locking system.

DESCRIPTION	ORDER CODE
Combi-Lok	COMBI-LOK-1B
Cannon Combi-Lok Master Key**	COMBI-KEY-B
Combi-Lok (each) for a Smart Vertically Split Door***	LC265-2-Width of Cabinet & U Height i.e. **LC265-2-8042** for a 800mm wide & 42U Height Cabinet

CANNON ELECTRONIC LOCK

- Electronic Lock with or without integrated Keypad and LCD 'walk by' display:
- Swing handle set in stylish escutcheon with electronic keypad entry and mechanical key override
- Cool blue LCD readout shows:- Cabinet Location Temperature and Power used inside the cabinet Large, robust, 'touch' Keypad

Available in stand alone, dual and networked versions:

✓ **Single Keypad / dual lock:**
 One Keypad/Lock and one rear door 'E' lock kit.

✓ **Dual Keypad / dual lock:**
 Two Keypad/locks and cables to suit 2 doors.

  - Both include PSU, cables, switches, connectors and brackets to convert a cabinet to an electronically locked one.

For remote unlocking/Network version contact Cannon Technologies

ELECTRONIC LOCK (WITHOUT KEYPAD):

- Swing handle with remote electronic lock operation with or without key override.
- Allows the use of 3rd party lock controllers with the Cannon 'E' Swing handle.
- Includes door and handle switches and all cables/connectors to convert one door.

REMOTE LOCKING:

Remote locking of the electronic swing handle locks, with or without keypads for local access, is available as part of the CannonSecure suite of modules.

The multi-function keypad allows Security Access Control as well as Environmental and Power Monitoring.

CannonSecure provides real-time Monitoring and Management for access control, allowing or denying entry to any door and the setting of entry codes locally or remotely via the Cannon- View software.

All locking options are available as single or 3-point locking.

Contact Cannon Technologies for more detailed information

Electronic Lock with Keypad

Keypad display shows cabinet location and temperature, Pressing a (F) function key shows: Water/Cabinet temperatures, Power displays or allows the entering of unlocking Keycodes.

After a preset 'timeout' the display reverts to location and temperature.

Biometric and RFID options available, please contact the CANNON Sales Team for details

LOCK MODULE	DESCRIPTION	PART CODE
Single Keypad, dual lock kit	Front Keypad with swing handle and rear slave swing handle lock, PSU, door switch and cabling	405E-ELOC-01
Double Keypad, dual lock kit	Front & Rear Keypad with swing handle PSU, door switch and cabling	405E-ELOC-02
Electronic lock kit, Stand alone	"E" Lock, door switch, connectors and cabling to convert 1 door	405E-ELOC-0S

600mm = 24"   700mm = 28"   800mm = 32"   1kg = 2.2lbs

4.3

STANDARD SIDE PANELS
(NOT SMART SPACE)

- Cannon side panels **are normally** included in a standard CANNON cabinet build.
- Side panels are available as spares or may be ordered separately .
- Side panels locate easily into the cabinet and lock by the means of two identical locks.
- *On 1200mm deep cabinets 2 side panels are required for each side of the cabinet i.e. 4 side panels required per 1200mm deep cabinet.

Finish

- Standard: Powder painted Velvet Black to RAL 9005 or Grey White to RAL 9002.

- Other colours available on request.

Supplied:

- Individually

HEIGHT	ORDER PART CODE			
U	600mm DEEP	800mm DEEP	900mm DEEP	1000mm DEEP
12U	217C00006012	217C00008012	-	217C00009912
15U	217C00006015	217C00008015	-	217C00009915
18U	217C00006018	217C00008018	-	217C00009918
20U	217C00006020	217C00008020	-	-
21U	217C00006021	-	-	217C00009921
22U	-	217C00008022	-	-
25U	217C00006025	217C00008025	217C00009025	217C00009925
27U	217C00006027	217C00008027	-	217C00009927
33U	217C00006033	217C00008033	217C00009033	217C00009933
37U	217C00006037	217C00008037	-	217C00009937
39U	217C00006039	217C00008039	-	217C00009939
42U	217C00006042	217C00008042	217C00009042	217C00009942
45U	217C00006045	217C00008045	217C00009045	217C00009945
47U	217C00006047	217C00008047	217C00009047	217C00009947
50U	-	-	-	217C00009950
52U	217C00006052	217C00008052	217C00009052	217C00009952
54U	217C00006054	-	-	-
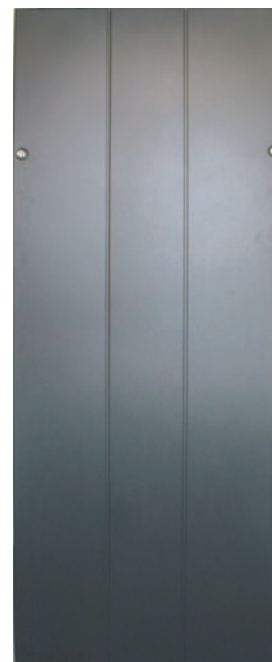
*Please see the note above on how many side panels are required for a 1200mm deep cabinet.

SIDE PANEL SECURITY BAR

The Side Panel Security Bar prevents the removal of the side panel.The bar is installed between the two locks on the inside of the side panel which disables both locks therefore restricting unauthorised access, unless front door is open.
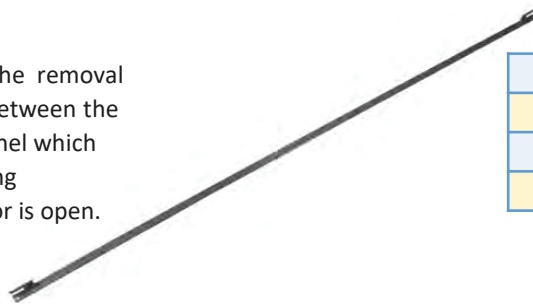
Description	Order Code
600mm Deep	901C00600100
800mm Deep	901C00800101
1000mm Deep	901C00990101

*Please note when ordering security bars for 1200mm deep cabinets you will require 2 x 901C00600101 per side panel so the total required for 1 x cabinet would be 4 security bars.

Size conversions: 1U = 44.45mm = 1 ³/₄"   600mm = 24"   700mm = 28"   800mm = 32"   1kg = 2.2lbs

T: +44(0)1425 632600 | CANNONTECH.CO.UK | SALES@CANNONTECH.CO.UK

SIDE PANELS WITH CABLING APERTURES

- 600/1000mm deep Side Panels with 10 cut-outs/cable apertures
- Each cut out/cabling aperture has blue mouldings fitted for ease of cabling
- The cut-out/cabling apertures maybe blanked off if required with the use of optional blanking plates
- Side panels locate easily into the cabinet and lock by the means of two identical locks.

Finish

- Standard: Powder painted Velvet Black to RAL 9005 or Grey White to RAL 9002.
- Additional colours available on request.

Supplied:

- Individually

HEIGHT	ORDER PART CODE			NOTES
U	600mm DEEP	800mm	1000mm DEEP	
42U	218C4202600*	218C42028000*	218C42029900*	*NR152 Moulding
47U	218C47026001	218C47028000*	218C47029901	Blue moulding
52U	-	-	218C52029901	Blue Moulding

Each cut out/cabling aperture has radiused blue mouldings fitted, protecting cabling from sharp edges

*Please see the note above on how many side panels are required for a 1200mm deep cabinet.

SIDE PANELS WITH BRUSH STRIPS

- Side Panels with 6 cut-outs (*3 cut-outs in 600 deep side panel) with brush strip
- Provides interconnect cabling whilst ensuring energy efficient air-flow within the cabinet.
- Side panels locate easily into the cabinet and lock by the means of two identical locks.

Finish

- Standard: Powder painted Velvet Black to RAL 9005 or Grey White to RAL 9002.
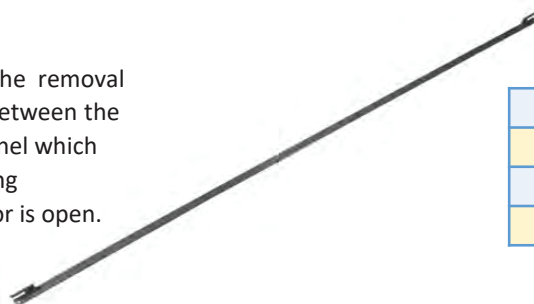- Additional colours available on request.

Supplied:

- Individually

HEIGHT	ORDER PART CODE		
U	600mm DEEP*	800mm DEEP	1000mm DEEP
42U	218C42026006	218C42028001	218C42029906
45U	-	-	218C45029906
47U	218C47026006	218C47028001	218C47029906

SIDE PANEL SECURITY BAR

The Side Panel Security Bar prevents the removal of the side panel.The bar is installed between the two locks on the inside of the side panel which disables both locks therefore restricting unauthorised access, unless front door is open.

Description	Order Code
600mm Deep	901C00600101
800mm Deep	901C00800101
1000mm Deep	901C00990101

*Please note when ordering security bars for 1200mm deep cabinets you will require 2 x 901C00600101 per side panel so the total required for 1 x cabinet would be 4 security bars.

Size conversions: 1U = 44.45mm = 1 ³/₄"   600mm = 24"   700mm = 28"   800mm = 32"   1kg = 2.2lbs

SIDE PANELS WITH BOTTOM VENTS

- Ribbed for additional rigidity
- Includes Vent Slots to lower area of side panel allowing ambient air inlet via lower side panel slots.
- Side panels locate easily into the cabinet and lock by the means of two identical locks.
- Optional Side panels with cross interconnect cabling available on request.

Finish

- Standard: Powder painted Velvet Black to RAL 9005 or Grey White to RAL 9002.
- Other colours available on request.

Supplied:

- Individually

HEIGHT	ORDER PART CODE		
U	600mm DEEP	800mm DEEP	1000mm DEEP
12U	218C00106012	218C00108012	218C00109912
15U	218C00106015	218C00108015	218C00109915
18U	218C00106018	218C00108018	218C00109918
20U	218C00106020	-	-
21U	218C00106021	-	-
22U	218C00106022	218C00108022	218C00109922
25U	218C00106025	218C00108025	218C00109925
27U	218C00106027	218C00108027	218C00109927
33U	218C00106033	218C00108033	218C00109933
37U	218C00106037	218C00108037	218C00109937
39U	218C00106039	218C00108039	218C00109939
42U	218C00106042	218C00108042	218C00109942
45U	218C00106045	218C00108045	218C00109945
47U	218C00106047	218C00108047	218C00109947
50U	218C00106050	-	218C00109950
52U	218C00106052	218C00108052	218C00109952
54U	218C00106054	218C00108054	218C00109954
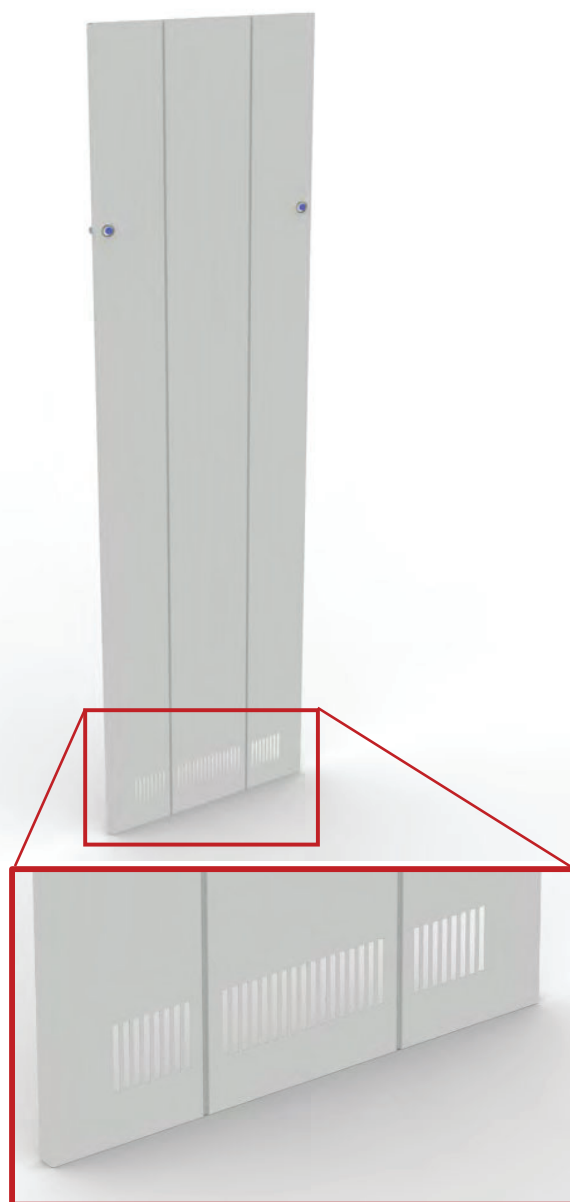
4 x 600 deep side panels are required for a 1200mm deep cabinet.

SIDE PANEL SECURITY BAR

The Side Panel Security Bar prevents the removal of the side panel. The bar is installed between the two locks on the inside of the side panel which disables both locks therefore restricting unauthorised access, unless front door is open.
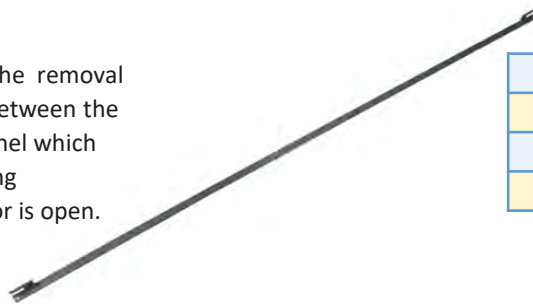
Description	Order Code
600mm Deep	901C00600101
800mm Deep	901C00800101
1000mm Deep	901C00990101

*Please note when ordering security bars for 1200mm deep cabinets you will require 2 x 901C00600101 per side panel so the total required for 1 x cabinet would be 4 security bars.

SMART TRIM DOOR

Cannon Smart Trim provides elegant vertical coach lines to style any door or surface.

Cannon Door Smart Trims are self adhesive colour strips which affix directly to the front door of any Cannon cabinet.

- Full length (trim to length)
- Fitted to left and right frame of door
- Matching side panel lock trim also available
- 7 to 8mm wide
- Self adhesive peel off backing

SMART TRIM AVAILABLE IN A VARIETY OF COLOURS:

- BLUE
- GREEN
- RED
- YELLOW
- PURPLE

COLOUR SMART TRIM	COLOUR SPEC	ORDER CODE
Blue	RAL 5015	NR051
Green	RAL 6024	NR052
Red	RAL 3020	NR053
Yellow	RAL 1018	NR054
Purple	RAL 4005	NR058

SMART TRIM SIDE PANEL

Cannon Side Panel Smart Trims are coloured decals which affix directly onto the side panels of any Cannon cabinet, around the cylindrical lock.

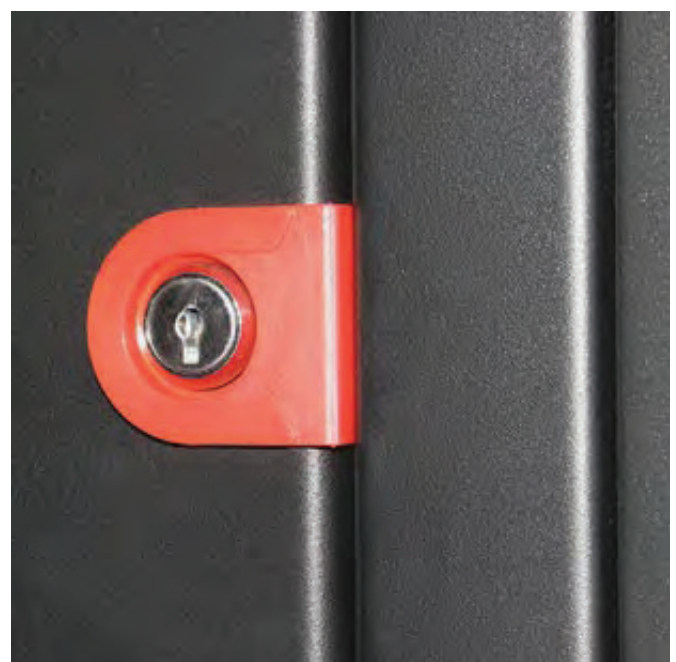- Fitted to each side panel prior to lock insertion
- Available to match door Smart Trim

SMART TRIM AVAILABLE IN A VARIETY OF COLOURS:

- BLUE
- GREEN
- RED
- YELLOW
- PURPLE

COLOUR SMART TRIM	COLOUR SPEC	ORDER CODE
Blue	RAL 5015	LA0240-1
Green	RAL 6024	LA0240-2
Red	RAL 3020	LA0240-3
Yellow	RAL 101 8	LA0240-4
Purple	RAL 4005	LA0240-7

QUICK FIT SHELVES

No fixings are needed for Cannon Quick-Fit shelves. They can be fitted and moved within the Cannon cabinet in a matter of seconds. They accommodate the same weight as traditional shelves and do not require the extensive fitting time that is commonly required.

Quick-Fit Fixed Shelves (Patented)

Cannon Quick-Fit Fixed Shelves: One edge hinged relative to the main body of the shelf. Operation of this patented feature with its integral lock, allows fast installation and can be re-configured by unskilled personnel.

These shelves have pre-formed lugs which fit into Cannon standard cut-outs in the depth facing flanges of the 19-inch equipment mounting posts.

The front to back fixing centres of mounting posts on Cannon cabinets is common for all Cannon shelves in each nominal depth, this allows for Quick-Fit and traditional shelves to be mixed as required.

Quick-Fit Shelves are pre-punched with ventilation slots.

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Grey White to RAL 9002.

Other colours available on request.

Load rating: 50kg max (evenly distributed).

NOMINAL DEPTH	ACTUAL DEPTH	PART CODE
350mm	336mm	765B00603500
450mm	436mm	765B00604500
550mm	536mm	765B00605500
600mm	586mm	765B00606000
670mm	661mm	765B00606701
700mm	686mm	765B00607000
770mm	761mm	765B00607701
800mm	786mm	765B00608000

Quick-Fit 2U Modem (Cantilever) Shelves

Cannon QuickFit 2U & 3U Modem Shelves are fitted without cage nuts, screws or cup washers.They are assembled to the cabinet 19-inch equipment mounting posts by the novel use of pre-formed hooks and 1/8 turn Cannon Quick-Fit Buttons.

They can be assembled or re-located in seconds by unskilled labour without the need for specialist tools or screwdrivers.

These shelves occupy 2U OR 3U of front panel space and are available in the same range of depths as the more traditional screw-fixed Cannon Modem Shelves.

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.

Other colours available on request.

Supplied: Complete with two Cannon Quick-Fit Buttons.

Load rating: 15kg max (evenly distributed).

HEIGHT	DEPTH	PART CODE
2U	255mm	701C02602500
2U	350mm	701C02603500
2U	400mm	701C02604000
2U	500mm	701C02605000
3U	450mm	701C03604500

QUICK-FIT TELESCOPIC SHELVES (PATENTED)

No more fiddly time consuming effort is required to fit telescopic slide brackets to 19-inch equipment mounting posts with cage nuts, special screws, bar nuts, etc. Instead pre-set brackets which have been factory fitted to the slides, simply clip into the rear and front 19-inch mounting posts.

Cannon Quick-Fit Telescopic Shelves are pre-punched with ventilation slots.

Finish:

Standard: Powder painted Velvet Black to RAL 9005 or Grey White to RAL 9002.

Other colours available on request.

Slides - Bright zinc plated steel.
Slide brackets - 1.5mm zintec steel .

Load rating: 40kg max (evenly distributed).

Additional benefit: Equipment mounting positions are left free when using the Quick-Fit Telescopic Shelves.

Caution: *The use of heavy loads on telescopic slides may cause the cabinet to become unstable. Therefore the cabinet should either be bolted to the floor or used with a stabiliser bar – SEE SECTION 4.30*

NOMINAL DEPTH	ACTUAL DEPTH	PART CODE
450mm	436mm	775B02604500
550mm	536mm	775B02605500
600mm	586mm	775B02606000
640mm	626mm	775B02606400
700mm	686mm	775B02607000
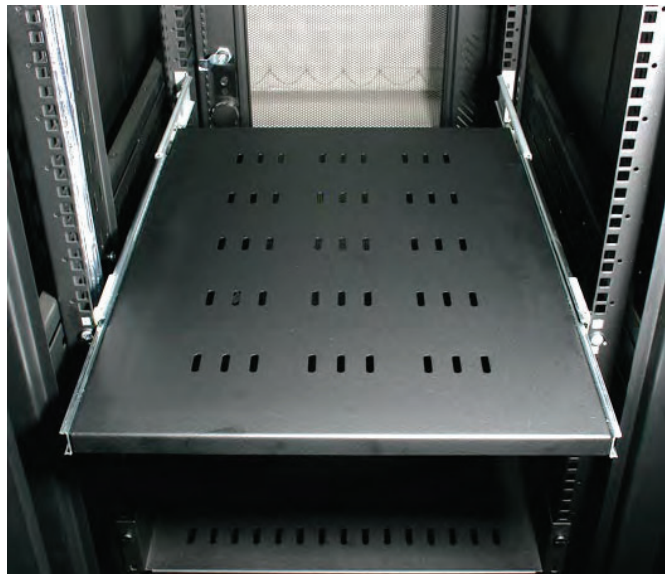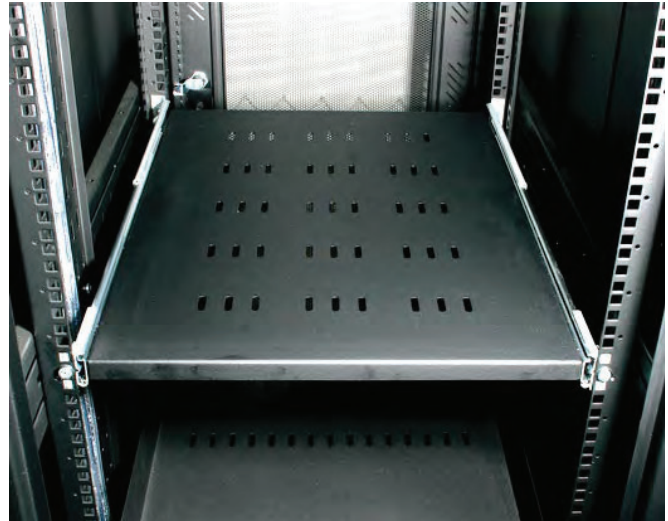
QUICK-FIT DEPTH SUPPORT MEMBERS

Cannon Quick-Fit depth support members can be quickly and easily installed, to provide additional support for mounting posts or accessories vertically mounted at the side of Cannon cabinets e.g. cable trays, PDUs (Power Distribution Units) etc.

Each end of the depth member is rigidly retained by the internal profile of the Cannon cabinet corner post. Its height position can be varied as required in 1U increments (to match the punched fixing holes in the 19-inch mounting posts) by sliding it up or down within the Cannon cabinet corner post.

Quick-Fit depth support members are available in six standard sizes to suit Cannon cabinet depths of 400, 600, 800, 900, 1000 and 1200mm.

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.
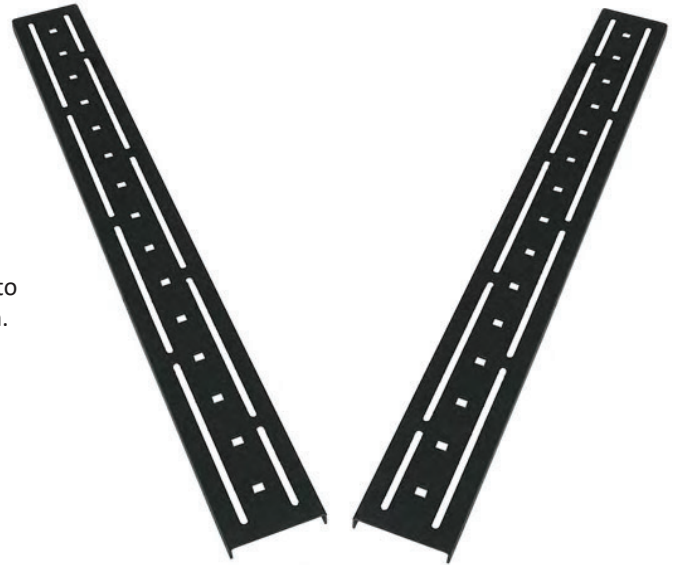Other colours available on request.

Supplied: In pairs with four Cannon Quick-Fit buttons.

CABINET DEPTH	PART CODE
400mm	398C02004000
600mm	398C02006000
800mm	398C02008000
900mm	398C02009000
1000mm	398C02009900
1200mm	398C02001200

QUICK-FIT CHASSIS SUPPORT ANGLES

Cannon Quick-Fit chassis support angles simply hook into the depth facing flanges of the 19-inch equipment mounting posts in Cannon cabinets. They are safety locked into position by a pair of Cannon Quick-Fit buttons in corresponding cut-outs.

These Quick-Fit chassis support angles have been designed such that the equipment surface on each runner coincides with the 'U' pitch lines on the mounting posts. *A series of vertical slots have been incorporated in the vertical face of each Quick-Fit chassis support angle for cable lacing purposes, a useful alternative to cable trays if space is at a premium.*

Cannon Quick-Fit chassis angles are available in four depths, which can be matched with any Cannon shelf of the same nominal depth.

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.

Additional colours available on request.

Supplied: In pairs with four Cannon Quick-Fit buttons.

Load rating: 30kg max (evenly distributed).

Quick-Fit Chassis Support Angles will provide support for heavy equipment or have no 19-inch panel mount ears, leaving vertical airflow paths clear for vertically cooled equipment.

CABINET DEPTH	PART CODE
250mm	713C02002500
350mm	713C02003500
450mm	713C02004500
550mm	713C02005500
600mm	713C02006000
750mm	713C02007500

Size conversions: 1U = 44.45mm = 1 ³/₄"   600mm = 24"   700mm = 28"   800mm = 32"   1kg = 2.2lbs

ROOF-MOUNTED QUICK-CHANGE FAN UNIT
(SERVERSMART CAB/SMART CAB VERSION)

Cannon's patented Quick-Change fan unit allows removal in seconds without the need to remove active equipment in the top positions within the cabinet and without the need to remove the cabinet roof or overhead cable trays.

- The Quick-Change fan tray allows the fan unit to be omitted during initial installation for fitting at a later time, and if heat loads warrant; this also simplifies project planning.

- The 3 pin IEC connection to the rear of the fan unit ensures an instant electrical break when fan is removed providing immediate safety.

- No flying leads exist, avoiding danger of entanglement or shorting out.

- Deep server cabs need roof cooling fans to be positioned further towards the rear of the cabinet for maximum efficiency, as fans too near the front of cabinet will starve cooling air flow to the front of servers ; Cannon Quick-Change fan unit can instantly be fitted to rear of the roof achieving this critical benefit.

- Front face of fan unit is set back (recessed) from roof edge as this provides protection for LED indicators and alarms when fitted.
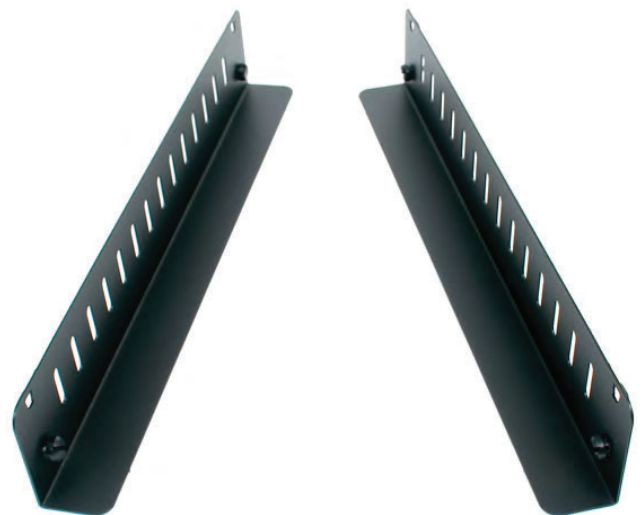
- 2, 4 and 6 fan Quick-Change fan units available (230v 50Hz).

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.
Other colours available on request.

NUMBER OF FANS	PART CODE
2	705E01510202
4	705E01510402
6	705E01510602

Quick-Fit Fan Unit (ServerSmart Cab/SmartCab versions only)

LOW NOISE ROOF-MOUNTED QUICK-CHANGE FAN UNIT
(SERVERSMART CAB/SMART CAB VERSION)

General specification as per the standard roof mounted Fan Unit but fitted with low noise fans with a sound level of 0/27db (A) per fan.

NUMBER OF FANS	PART CODE	NOTE: Also requires the following
2	705E05650200	705E01510002
4	705E05650400	705E01510002
6	705E05650600	705E01510002

HORIZONTAL FLOW FAN UNIT

The Cannon Quick-Fit 3U 19-inch Horizontal Air Flow Fan Unit can be assembled to the 19-inch equipment mounting posts in Cannon cabinets, or re-located to a new position, in seconds.

No more fiddly screws, cage nuts and washers, just two Cannon 1/8 turn Quick-Fit buttons.The unit is designed to assist in the horizontal movement of air where high thermal loads exist, such as in Server applications.

Held in place by two pre-formed hooks and two Quick-Fit buttons.

Supplied: Complete with two Cannon Quick-Fit buttons and installed with three axial 230 VAC fans, finger guards and 2m lead with moulded 13 amp plug (230VAC Version Only).

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.
Other colours available on request.

OPTION 1

19-inch Mounted Fan Unit which <u>EXHAUSTS</u> warm air horizontally from the cabinet

- 3 fans
- 2m lead
- 13A fused moulded plug (230VAC option only)

VOLTAGE	PART CODE	NOTE
230VAC	725E03600002	UK PLUG
230VAC	725E03600002LS0H	UK PLUG, Low Smoke Zero Halogen
48VDC	725E03600006	ORANGE 5M CABLE
-48VDC	725E05522303	ORANGE 3M CABLE
230VAC	725E03600007	IEC PLUG 3M ORANGE CABLE
48VDC	725E03600008	WHITE 3M CABLE
230VAC	725E03600009	NO PLUG 3M ORANGE LEAD
230VAC	725E03600010	IEC PLUG 3M BLACK LEAD

OPTION 2

19-inch Mounted Fan Unit which <u>INPUTS</u> cool air horizontally into the cabinet

- 3 fan
- 230VAC
- 2m lead
  13A fused moulded plug

VOLTAGE	PART CODE
230VAC (UK PLUG 2M CABLE)	725E03600003
230VAC (UTE/SCHUKO PLUG 2M WHITE CABLE)	725E03600004
230VAC (IEC PLUG 2M WHITE CABLE)	725E03600005

LOCALLY MONITORED VARIFAN

Equipment Fan Cooling with Local Warning of Failure.

Scope

A self-monitoring fan tray to aid cooling of your rack housed equipment. It comprises of up to 6 fans which are electronically controlled. The speed of each fan is monitored and local alarms are triggered as a result of partial or total fan failure. These units can be upgraded to give total remote control and monitoring with the CannonGuard System – contact Cannon for further details.

Features

- Incorporates all the advantages of the Roof-Mounted Quick-Change Fan Unit
- Lower average noise levels at normal room temperature
- Extended fan life due to lower average speed
- Fans can be controlled individually or in groups
  Constant or variable temperature range monitoring

Specification

- Steel fan tray - standard format is Roof-Mounted Quick-Change Fan Unit – see below for SMARTNET options
- Self-contained electronic control system – upgradeable with CannonGuard
- 2 to 6 fans 12V DC
- Maximum air flow 120cfm per fan at 51dB

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.

Other colours available on request.

NUMBER OF FANS	PART CODE	COMMENT
2	155E00305003	SMARTNET ONLY
4	155E00305000	SERVERSMART & SMART CAB
4	155E00305001	SMARTNET ONLY
6	155E00305002	SERVERSMART & SMART CAB

ROOF MOUNTED FAN UNIT (SMART NET VERSION)

- Standard fixing roof mounted fan unit for use with Cannon's Smart Net Cabinet Enclosure
- 2, 4 and 6 fan option available (230VAC 50Hz 45dB per fan)
- Supplied fitted with 3m mains lead and 13 amp UK plug
- Alternative plug options available including commando and IEC
- Fitted with finger guards

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.
Other colours available on request.

Number of Fans	Order Code	Comments
2	135E01424202	Requires Roof Fan Cover Plate*
4	135E01424204	Requires Roof Fan Cover Plate*
6	135E01424206	Requires Roof Fan Cover Plate*
BLANKING PLATE	009C00121200	

VERTICAL FLOW 19-INCH FAN UNIT

Cannon 19-inch fan units offer simple temperature control by air movement using the 19-inch mounting posts. This is of particular use in wall mounted boxes.

- 1U high, requiring minimal mounting space
- 3 and 4 fan option available, (230V 50Hz 45dB per fan)
- Fitted with finger guards
- Complete with 2m cable and fused, moulded 13 amp plug
- Available as an option with an IEC socket for mains lead connection

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.

Additional colours available on request.

NUMBER OF FANS	PART CODE
2	195E01602103
4	195E01603904

LOW NOISE ROOF-MOUNTED FAN UNIT (SMART NET VERSION)

General specification as the standard roof mounted Fan Unit but fitted with low noise fans with a sound level of 0/27db (A) per fan.

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.

Additional colours available on request.

NUMBER OF FANS	PART CODE
2	125E01424202
4	125E01424204
6	125E01424206
BLANKING PLATE	009C00121200

*Smart Net/Server Cabinet Roof Top Fan Cover Plate

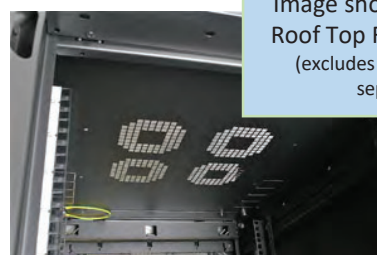| CAB Size (w x d)	Order Code	CAB Size (w x d)	Order Code
600 x 600	318C00606000	800 x 600	318C00806000
600 x 800	318C00608000	800 x 800	318C00808000
600 x 1000	318C00609900	800 x 1000	318C00809900
600 x 1200	318C00601200	800 x 1200	318C00801200

Image shows SMARTNET Roof Top Fan Cover Plate (excludes fan unit – order separately)

FIXED SHELVES

Cannon Fixed Shelves contain vent slots as standard and will fit any of the Cannon cabinet range. Shelves are fixed between the front and rear mounting posts and are available in various widths and depths. Each shelf is supplied with fixings.

Finish:

Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.

Additional colours available on request.

Load rating: 50kg max. (evenly distributed).

- 19-inch Fixed Shelves, for use in any width Cannon Smart Net/Server cabinet where the mounting posts are in the 19-inch equipment position

Plain (unvented) shelves are available to special order.

Quick-Fit option available – See *QUICK FIT SECTION 4.8*

NOMINAL DEPTH	ACTUAL DEPTH	PART CODE
300mm	286mm	446C00603000
350mm	336mm	446C00603500
400mm	386mm	446C00604000
450mm	436mm	446C00604500
470mm	456mm	446C00604700
500mm	486mm	446C00605000
550mm	536mm	446C00605500
570mm	556mm	446C00605700
600mm	586mm	446C00606000
640mm	626mm	446C00606400
700mm	686mm	446C00607000
800mm	786mm	446C00608000

REINFORCED SHELVES (FOR HEAVY LOADS)

Cannon Vented Reinforced Shelves will fit any Cannon cabinet range. They are fixed between the front and rear mounting posts and are available in various widths and depths. Each shelf is supplied with fixings.

These shelves are specifically strengthened to support evenly distributed loads up to a maximum of 100kg per shelf.

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.

Additional colours available on request.

Load rating: 100kg max. (evenly distributed across shelf).

- 19-inch Reinforced Shelves, for use in any width Cannon Smart Net/Server cabinet where the mounting posts are in the 19-inch equipment position.

Plain (unvented) reinforced shelves are available to special order.

NOMINAL DEPTH	ACTUAL DEPTH	PART CODE
350mm	336mm	447C00603500
450mm	436mm	447C00604500
550mm	536mm	447C00605500
600mm	586mm	447C00606000
800mm	786mm	447C00608000

TELESCOPIC SHELVES

Cannon Telescopic Shelves contain vents slots as standard and will fit any of the Cannon cabinet range*. They are fixed between the front and rear mounting posts and are available in various widths and depths. Each shelf is supplied with fixings.

Finish:

Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.

Additional colours available on request.

Load rating: 40kg max (evenly distributed).

Plain (unvented) shelves are available to special order.

Quick-Fit option available – See QUICK FIT SECTION 4.9

*19-inch Telescopic Shelves, for use in any width Cannon cabinet where the mounting post are in the 19-inch equipment position.

NOMINAL DEPTH	ACTUAL DEPTH	PART CODE
450mm	436mm	525B01604500
550mm	536mm	525B01605500
600mm	586mm	525B01606000

DEPTH ADAPTING SHELF

Cannon depth adapting shelves allow the installation of shelves within a Cannon cabinet at any depth fixing centres of the 19-inch panel mounting verticals. Two piece assembly, simply slides apart to the depth required.
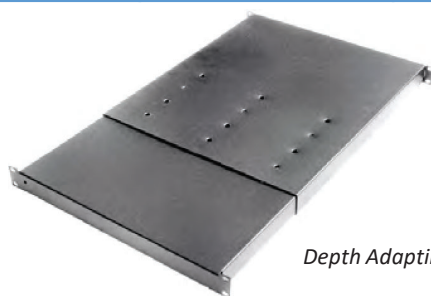
Supplied: Complete with all fixings.

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.

Additional colours available on request.

Load rating: 100kg max. (evenly distributed across shelf).

CABINET DEPTH	EXTENSION DEPTH	PART CODE
800mm	550mm – 760mm	535B01607601
1000mm	550mm – 950mm	535B01609601

Depth Adapting Shelf

CANTILEVER SHELVES (FOR MODEMS, ETC)

Cannon cantilever shelves contain vent slots as standard and are designed to support lightweight equipment such as modems. Shelves fit directly to the front 19-inch mounting posts using front panel fixings which are not supplied with the shelves and *must be ordered separately.*

These shelves occupy 1U or 2U of front panel space dependent upon the depth chosen.

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.
Other colours available on request.

Load rating: 20kg max (evenly distributed).

Quick-Fit option available – See QUICK FIT SECTION 4.8

HEIGHT	DEPTH	PART CODE
1U	190mm	341C01601900
1U	250mm	341C01602500
2U	250mm	341C02602500
2U	350mm	341C02603500
2U	400mm	341C02604000
2U	500mm	341C02605000
4U	500mm	341C04605000

19" MOUNTING POSTS

Cannon mounting posts are available in a variety of sizes to suit various situations and to offer complete mounting
flexibility of equipment.

Please note: Split height mounting posts may be fitted to accommodate varying equipment depths at front or rear. Depth Support Members (See below) may also be required when using intermediate sized posts i.e. smaller U height than cabinet height.

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002. *Other colours available on request.*

'U' Height identification labels see Page 4.30

U HEIGHT	PART CODE	U HEIGHT	PART CODE
3U	292C03000003	28U	292C03000028
4U	292C03000004	29U	292C03000029
5U	292C03000005	30U	292C03000030
6U	292C03000006	31U	292C03000031
8U	292C03000008	32U	292C03000032
9U	292C03000009	33U	292C03000033
10U	292C03000010	35U	292C03000035
11U	292C03000011	36U	292C03000036
12U	292C03000012	37U	292C03000037
13U	292C03000013	38U	292C03000038
14U	292C03000014	39U	292C03000039
15U	292C03000015	40U	292C03000040
16U	292C03000016	41U	292C03000041
17U	292C03000017	42U	292C03000042
18U	292C03000018	43U	292C03000043
19U	292C03000019	44U	292C03000044
20U	292C03000020	45U	292C03000045
21U	292C03000021	47U	292C03000047
22U	292C03000022	48U	292C03000048
23U	292C03000023	49U	292C03000049
24U	292C03000024	50U	292C03000050
25U	292C03000025	51U	292C03000051
26U	292C03000026	52U	292C03000052
27U	292C03000027	54U	292C03000054

INTERMEDIATE MOUNTING POSTS

Cannon shelf mounting posts offer support for alternative depths of equipment, such as shelves and/or support runners, positioned between standard Cannon mounting posts.

Please note: Depth Support Members (See below) may also be required when using intermediate sized posts i.e. smaller U height than cabinet height.

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002. *Other colours available on request.*

U HEIGHT	PART CODE
12U	293C01000012
18U	293C01000018
21U	293C01000021
25U	293C01000025
26U	293C01000026
27U	293C01000027
33U	293C01000033
37U	293C01000037
38U	293C01000038
39U	293C01000039
40U	293C01000040
42U	293C01000042
45U	293C01000045
47U	293C01000047
48U	293C01000048
52U	293C01000052

DEPTH SUPPORT MEMBERS

Cannon Quick-Fit depth support members are available in single or double width, can be quickly and easily installed, to provide additional support for mounting posts or accessories vertically mounted at the side of Cannon cabinets e.g. cable trays, PDUs (Power Distribution Units) etc.

Each end of the depth member is rigidly retained by the internal profile of the Cannon cabinet corner post. Its height position can be varied as required in 1U increments (to match the punched fixing holes in the 19-inch mounting posts) by sliding it up or down within the Cannon cabinet corner post.

Quick-Fit depth support members are available in six standard sizes to suit Cannon cabinet depths of 400, 600, 800, 900, 1000 and 1200mm.

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.

Other colours available on request.

CABINET DEPTH	PART CODE (DOUBLE WIDTH)	PART CODE (SINGLE WIDTH)
400mm	398C02004000	392C01004000
600mm	398C02006000	392C01006000
800mm	398C02008000	392C01008000
900mm	398C02009000	392C01009000
1000mm	398C02009900	392C01009900
1200mm	398C02001200	392C01001200
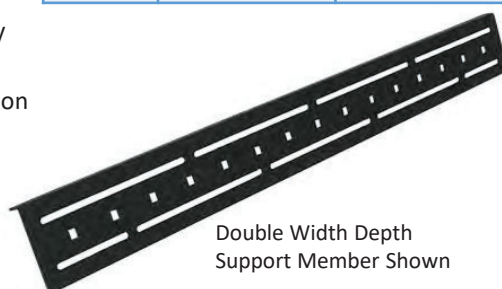
Double Width Depth Support Member Shown

VERTICAL INFILL PANELS

The primary use of Cannon Infill Panels is to maintain 19-inch equipment practice in various widths of cabinets. Additional fixing points throughout the height of the Infill Panels provide useful cable management mounting options. See pages 5.6 - 5.8.

Infill Panel Mouldings are available as part of the AIR-LOKK System to restrict air-flow whilst allowing cable access. See AIR-LOKK brochure.

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.
Other colours available on request.

Please note: Cannon cabinets are supplied with Infill Panels as standard:

- 700mm wide cabinet supplied with 50mm Infills.
- 800mm wide cabinet supplied with 100mm Infills.

Infill Panel fitted with AIR-LOKK Infill Panel Mouldings to manage airflow within the cabinet, whilst allowing cabling as required.

See Section 5.2 for details

CABINET U HEIGHT	PART CODE (50mm INFILL PANELS)	PART CODE (100mm INFILL PANELS)
2U	-	201C00100002
3U	-	201C00100003
4U	-	201C00100004
5U	199C00050005	201C00100005
6U	199C00050006	201C00100006
8U	-	201C00100008
9U	199C00050009	201C00100009
10U	199C00050010	201C00100010
11U	199C00050011	201C00100011
12U	199C00050012	201C00100012
13U	-	201C00100013
14U	199C00050014	201C00100014
15U	199C00050015	201C00100015
16U	199C00050016	201C00100016
17U	-	201C00100017
18U	199C00050018	201C00100018
20U	199C00050020	201C00100020
21U	-	201C00100021
22U	-	201C00100022
23U	-	201C00100023
24U	199C00050024	201C00100024
25U	199C00050025	201C00100025
26U	199C00050026	201C00100026
27U	199C00050027	201C00100027
29U	-	201C00100029
31U	-	201C00100031
32U	199C00050032	201C00100032
33U	199C00050033	201C00100033
35U	199C00050035	201C00100035
36U	199C00050036	201C00100036
37U	199C00050037	201C00100037
38U	-	201C00100038
39U	199C00050039	201C00100039
40U	-	201C00100040
42U	199C00050042	201C00100042
43U	-	201C00100043
45U	199C00050045	201C00100045
47U	199C00050047	201C00100047
48U	-	201C00100048
49U	-	201C00100049
50U	-	201C00100050
51U	-	201C00100051
52U	199C00050052	201C00100052
54U	-	201C00100054

VERTICAL INFILL PANELS WITH CUT OUTS

Infill panels supplied with 3 x cut outs to accommodate the vertical mounting of 19-inch equipment such as PDU's and Patch Panels without infringing on the U height space within the cabinet.

CABINET U HEIGHT	PART CODE
42U	202C42100202
45U	202C45100202
47U	202C47100202
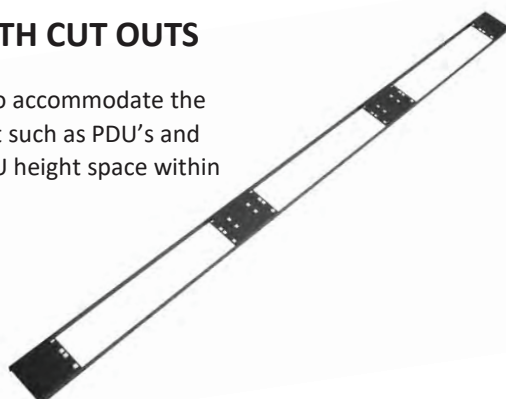
Size conversions: 1U = 44.45mm = 1 ³/₄"   600mm = 24"   700mm = 28"   800mm = 32"   1kg = 2.2lbs

CANNON HINGED COVER PANEL

- DESIGNED TO PROTECT VALUABLE CABLE MANAGEMENT INCLUDING COPPER AND FIBRE
- HINGED COVER IS HELD FIRMLY IN PLACE BY MAGNETIC CATCH
- HINGED COVER FIXED TO CANNON SUPPORT MEMBERS

Height	Width	Part Code
U	mm	HINGED COVER PANEL ONLY
25	100	CA-HCP-1025
27	100	CA-HCP-1027
42	100	CA-HCP-1042
45	100	CA-HCP-1045
47	100	CA-HCP-1047
52	100	CA-HCP-1052

HINGED COVER PANEL SHOWN IN CLOSED (PICTURE ABOVE) AND POSITIONS OPEN (PICTURE AT RIGHT)

CANNON INFILL WITH FINGERS

- EXCELLENT CABLE MANAGEMENT FOR LARGE CABLE VOLUMES
- CABLES ARE HELD BY WITH ROBUST, ROUNDED CABLE FINGERS
- CAN BE INSTALLED WITHIN THE SMART RANGE OF 800 WIDE CABINETS AND PROVIDES HIGH DENSITY CABLE MANAGEMENT OPTION FOR COPPER AND FIBRE CABLES

Height	Part Code
U	INFILL WITH FINGERS
25	CA-INFILL-FING-1025
27	CA-INFILL-FING-1027
42	CA-INFILL-FING-1042
45	CA-INFILL-FING-1045
47	CA-INFILL-FING-1047
52	CA-INFILL-FING-1052

INFILL PANEL WITH FINGER CABLE MANAGEMENT AT 1U POSITIONS

Size conversions: 1U = 44.45mm = 1 ³/₄"   600mm = 24"   700mm = 28"   800mm = 32"   1kg = 2.2lbs

T: +44(0)1425 632600 | CANNONTECH.CO.UK | SALES@CANNONTECH.CO.UK
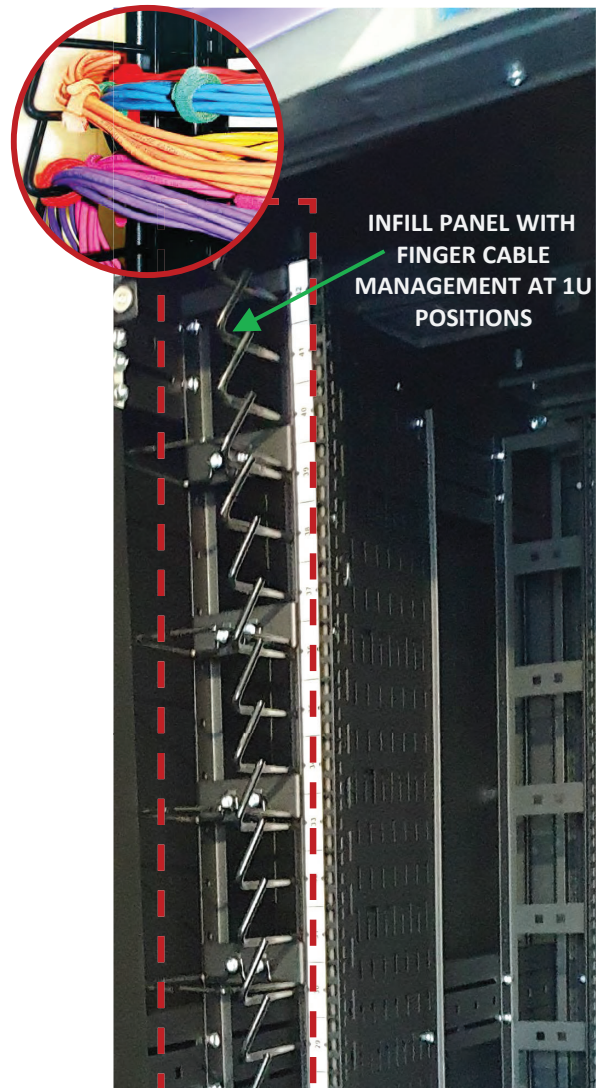
EXPLODED VIEW ABOVE SHOWING EXTENSION FRAME IN BLUE FOR REFERENCE ONLY.

*Optional cable tray available on request

CABINET EXTENSION FRAME

- Provide effective expansion for customer onsite Cannon SMART racks and cabinets.

- Optional cable tray available shown in table below.

- May be fitted to front or rear face or both faces.

- Will accommodate the original door(s).

- Additional sizes on request; please contact Cannon sales representative for further details.

Supplied: 1 kit.

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002. Other colours available on request.

HEIGHT	WIDTH x DEPTH	PART CODE	OPTIONAL CABLE TRAY
42U	600W x 100D	965B4260100CN	047C00000642*
42U	600W x 150D	965B4260150CN	047C00001042*
42U	600W x 200D	965B4260200CN	047C00001542*
42U	800W x 100D	965B4280100CN	047C00000642*
42U	800W x 150D	965B4280150CN	047C00001042*
42U	800W x 200D	965B4280200CN	047C00001542*
45U	600W x 100D	965B4560100CN	047C00000645*
45U	600W x 150D	965B4560150CN	047C00001045*
45U	600W x 200D	965B4560200CN	047C00001545*
45U	800W x 100D	965B4580100CN	047C00000645*
45U	800W x 150D	965B4580150CN	047C00001045*
45U	800W x 200D	965B4580200CN	047C00001545*
47U	600W x 100D	965B4760100CN	047C00000647*
47U	600W x 150D	965B4760150CN	047C00001047*
47U	600W x 200D	965B4760200CN	047C00001547*
47U	800W x 100D	965B4780100CN	047C00000647*
47U	800W x 150D	965B4780150CN	047C00001047*
47U	800W x 200D	965B4780200CN	047C00001547*

NOTE: *CABLE TRAY ABOVE WILL ALSO REQUIRE THE FOLLOWING TO ALLOW INSTALLATION INTO EXTENSION FRAME:

ITEM	QTY	PART CODE	DESCRIPTION
1	8	NR004	NYLON STANDOFF 25.4 H x 6.3 ID
2	8	FMW1460625P	M6 PENNY WASHER BZP
3	8	FMN08206P	M6 FLANGED NUT HEX BZP

CABLE TRAYS (FOR VERTICAL CABLING)

Cannon steel cable tray provide an attractive and very durable product for exceptional, simple cable management.

In order to provide a neat support for cabling, the cable tray fits vertically to the depth supports within the cabinet.

Fixing slots are located at the 'U' heights and offer a modular design appropriate with any Cannon cabinet or rack. No additional drilling is required, however you may require additional depth supports for shorter lengths than cabinet U height.

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002. Other colours available on request.

Supplied with fixings for secure attachment to the cabinet depth support.

Soft Edge

HEIGHT	50mm WIDE	75mm WIDE	100mm WIDE	150mm WIDE	200mm WIDE	250mm WIDE	300mm WIDE	400mm WIDE	500mm WIDE
7U	-	047C00000707	-		-	-	-	-	-
10U	-	047C00000710	-		-	-	-	-	-
11U	-	-	047C00001011		-	-	-	-	-
12U	047C00000512	047C00000712	047C00001012	047C00001512	-	-	-	-	-
13U	-	047C00000713	-	047C00001513	-	-	-	-	-
15U	047C00000515	-	047C00001015	047C00001515	047C00002015	-	-	-	-
16U	-	047C00000716	047C00001016	-	-	-	-	-	-
17U	-	-	047C00001017	-	-	-	-	-	-
18U	-	047C00000718	047C00001018	047C00001518	047C00002018	-	047C00003018	-	-
20U	-	-	047C00001020	047C00001520	-	-	047C00003020	-	-
21U				047C00001521	-	-		-	-
22U	-	-	047C00001022	047C00001522	-	-	047C00003022	-	-
23U	-	-	047C00001023	-	-	-	047C00003023	-	-
24U	-	047C00000724	047C00001024	047C00001524	-	-	-	-	-
25U	047C00000525		047C00001025	047C00001525	047C00002025	-	047C00003025	-	-
26U					047C00002026	-	-	-	-
27U	-		047C00001027	047C00001527	047C00002027	-	047C00003027	-	-
28U					047C00002028	-		-	-
30U	-	047C00000730	-	-	-	-		-	-
31U					047C00002031	047C00002531	047C00003031	-	-
32U	-	047C00000732	047C00001032	047C00001532	-	-	-	-	-
33U	-	047C00000733	047C00001033	047C00001533	047C00002033	-	047C00003033	-	-
35U	-	-	047C00001035	-	-	-	047C00003035	-	-
36U	-	047C00000736	047C00001036	047C00001536	047C00002036	-	-	-	-
37U	-	-	047C00001037	047C00001537	-	-	047C00003037	-	-
38U	-	-	-	047C00001538	-	-	-	-	-
39U	047C00000539	047C00000739	047C00001039	047C00001539	047C00002039	047C00002539	047C00003039	-	-
40U				047C00001540	-	-	-	-	-
41U	-	-	047C00001041	047C00001541	-	-	047C00003041	-	-
42U	047C00000542	047C00000742	047C00001042	047C00001542	047C00002042	047C00002542	047C00003042	047C00004042	047C00005042
43U	-	-	047C00001043	047C00001543	-	-	-	-	-
45U	047C00000545	047C00000745	047C00001045	047C00001545	047C00002045	-	047C00003045	047C00004045	
46U				047C00001546	-	-	-	-	-
47U	047C00000547	047C00000747	047C00001047	047C00001547	047C00002047	047C00002547	047C00003047	047C00004047	047C00005047
48U				047C00001548	047C00002048	-	047C00003048	-	-
							047C00003049	-	-
50U					047C00002050	-	-	-	-
52U	-	-	047C00001052	047C00001552	047C00002052		047C00003052	-	-
54U	-	-	047C00001054	-	-	-	047C00003054	-	-

Size conversions: 1U = 44.45mm = 1 ¾"   600mm = 24"   700mm = 28"   800mm = 32"   1kg = 2.2lbs

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STANDARD FIT

Chassis Support Angles

Cannon chassis supports offer extra support, generally to 19-inch equipment, fitting between the front and rear mounting posts. Care should be taken to ensure that the chassis supports are sized to suit any fixed shelf depths or that additional intermediate mounting posts are fitted to the cabinet.

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.
Other colours available on request.

Supplied: In pairs with fixings.
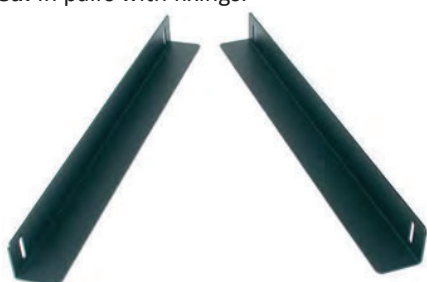
DEPTH	PART CODE
350mm	KP0020
400mm	KP0026
450mm	KP0021
550mm	KP0022
600mm	KP0023

HEAVY DUTY CHASSIS SUPPORT ANGLES

Heavy Duty Chassis Support Angles provide restricted lateral movement of 19-inch equipment. Recommended for use with intermediate mounting posts - **see page 4.16**

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.
Additional colours available on request.

Supplied: In pairs with fixings.

Load rating: 170kg max (evenly distributed).

DEPTH	PART CODE
650mm	401C00046500
830mm	401C00048300
917mm	401C00049900

THROUGH-CABLING APERTURE FRAME

- Provide effective bend radius control for through-cabling apertures on Cannon racks and cabinets

- Cannon moulded, through-cabling aperture frames, ensure that bend radius control is provided to an often neglected cabling path

- The CannonThrough-Cabling Aperture Frame is designed to support CAT5e, CAT6, CAT7 and fibre installation standards

- May be fitted to one face or both faces of a through cabling window

- Aperture size through window frame is 73mm x 96mm

- Through-Cabling Aperture Frame clips into any aperture of 77mm x 100mm where the metal panel thickness is 1.5mm to 2.2mm

- Compatible with Vertical Cable Management Rings 110mm x 50mm and 110mm x 100mm

HEIGHT	FRONT ONLY	FRONT & REAR
25U	16-off	32-off
42U	28-off	56-off
47U	32-off	64-off

Supplied: In packs of 10.

Finish: Blue plastic.

For Side Panels fitted with blue mouldings see page 4.5

DESCRIPTION	PART CODE
1 PACK OF 10 – BLUE	CA162
1 PIECE	NR167

VERTICAL CABLE MANAGEMENT RINGS FOR 800MM WIDE CABINETS.

Cannon vertical cable management rings fit directly onto the front or rear faces of each infill panel and are available in two sizes:

- 90mm x 60mm
- 90mm x 90mm

Material & Finish: 1.5mm steel, painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.

Additional colours available on request.

Supplied: Individually with fixings.

RING SIZE	PART CODE
90mm x 60mm	711C00090600
90mm x 90mm	711C00090900

PLASTIC COATED VERTICAL CABLE MANAGEMENT RINGS FOR 800MM WIDE CABINETS.
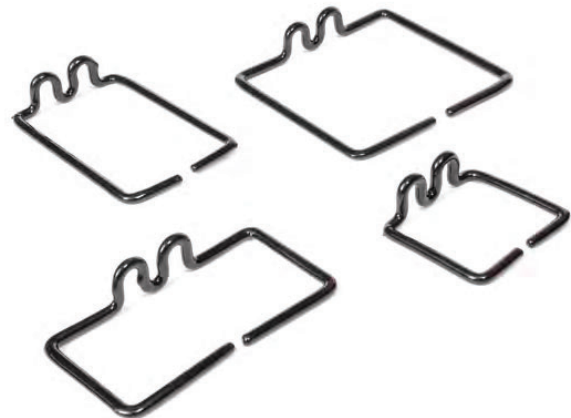
Cannon Vertical Cable Management Rings fit directly onto the front or rear faces of each infill panel and are available in four sizes:

- 60mm x 50mm
- 60mm x 100mm
- 110mm x 50mm
- 110mm x 100mm

Materials & Finish: Black plastic coated (Nylon 66-S/E to 94 VO 1.5/2.0 MS).

Supplied: Individually with fixings.

RING SIZE	PART CODE	COMMENTS
60mm x 50mm	CA150-KIT	To fit either 50mm or 100mm infill panels
60mm x 100mm	CA151-KIT	To fit either 50mm or 100mm infill panels
110mm x 50mm	CA152-KIT	To fit 100mm infill panels
110mm x 100mm	CA153-KIT	To fit 100mm infill panels

RECOMMENDED QUANTITIES PER INFILL

INFILL PANEL SIZE	MAXIMUM NUMER OF CABLE RINGS PER INFILL PANEL
4U to 8U	1
9U	2
10U to 13U	3
14U to 17U	4
18U	5
19U to 22U	6
23U to 25U	7
26U to 29U	8
30U to 31U	9
32U to 33U	10
35U to 36U	11
37U to 39U	12
40U to 43U	13
45U to 47U	14
48U to 49U	15
50U to 51U	16
52U to 55U	17

Size conversions: 1U = 44.45mm = 1 ³/₄"   600mm = 24"   700mm = 28"   800mm = 32"   1kg = 2.2lbs

BLUE NYLON CABLE MANAGEMENT RINGS FOR 800MM WIDE CABINETS.

Cannon Blue Nylon Cable Management fit directly onto the front or rear faces of each infill panel and are available in sizes in chart below:

Materials & Finish: Nylon 66-S/E to 94 VO SKY BLUE RAL 5015.

Supplied: Individually with fixings.

RING SIZE	PART CODE	COMMENTS
100mm x 100mm	NR168	"C" shape cable management ring
125mm x 141mm	NR169	"C" shape cable management ring
95.5 x 123	NR171	Through cabling Aperture Frame
123mm x 141mm	NR180	"C" shape cable management ring
92mm x 44mm	NR181	Cable Management Ring
92mm x 88mm	NR182	Cable Management Ring

NR181 **NR182**

NR168

RECOMMENDED QUANTITIES PER INFILL

INFILL PANEL SIZE	MAXIMUM NUMER OF CABLE RINGS PER INFILL PANEL
4U to 8U	1
9U	2
10U to 13U	3
14U to 17U	4
18U	5
19U to 22U	6
23U to 25U	7
26U to 29U	8
30U to 31U	9
32U to 33U	10
35U to 36U	11
37U to 39U	12
40U to 43U	13
45U to 47U	14
48U to 49U	15
50U to 51U	16
52U to 55U	17

TELESCOPIC CABLE TROUGH.

Cannon telescopic cable trough fits directly to the 800 wide infill panels installed to CANNON SMART cab range. They allow:

- Cable management between the front and rear of installed equipment within the 19" area.
- Closed position: 536mm
- Maximum telescopic position: 950mm

Materials & Finish: Powder coated MS.

Supplied: Individually with fixings.

DESCRIPTION	PART CODE
TELESCOPIC CABLE TROUGH 536mm – 950mm	925B02058001

1U CABLE RINGS

These Cannon 1U cable rings fit to the side flange of 19-inch mounting posts to provide a neat cable management functior

Materials & Finish: Mild steel with a thick black plastic coating.

Supplied: Individually with fixings.

DESCRIPTION	CABLE CAPACITY	PART CODE
1U CABLE RING	150mm x 50mm	CA154-KIT

CORNER POST CABLE RINGS

A simple twist and turn action locates this cable ring securely into the corner post profile enabling simple and accurate vertical cable management into all cabinet corner posts. *No fixings required!*

Materials & Finish: Spring steel with a thick black plastic coating.

Supplied: Individually.

Quick Installation

DESCRIPTION	CABLE CAPACITY	PART CODE
CORNER POST CABLE RING	38mm X 38mm	CA156

MULTI ENTRY 19-INCH CABLE BASKET

High capacity cable management baskets for use within the 19-inch rack mount area.

Features & Benefits
- Multiple cable entry, in any direction
- Optional 'U' heights to optimise space deployment
- Hinged, drop door at front to hide/protect cabling whilst still providing easy access
- Attractive high tech appearance
- Robust and versatile
- Simplifies rack wiring and configuration
- Will fit any 19-inch rack
  High capacity
  Provides easy and rapid cable management Extremely cost effective

Three sizes available: 1U, 2U and 3U.

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002. Other colours available on request.

SIZE	PART CODE
1U	CA211
2U	CA212
3U	CA213

1U CABLE MANAGEMENT PANEL

Cannon Cable Management Panels fit directly onto the 19-inch equipment mounting posts of Cannon cabinets and have been designed to provide user-friendly cabling support.

- Eliminates cable chaffing
- Allows through cabling
- Open design allows easy use of cable ties or CANNON WRAP if required.
- CANNON WRAP can be found on **page 4.26**

Materials & Finish: Mild steel welded construction with a thick black plastic coating

NB: Fixings required - **see front panel fixing kit page 4.26**

DESCRIPTION	PART CODE
1U CABLE MANAGEMENT PANEL	CA155-KIT

1U & 2U CABLE MANAGEMENT PANELS

Cannon Cable Management Panels fit directly onto the 19-inch equipment mounting posts and are designed to provide user-friendly cabling support.

- Eliminates cable chaffing
- Allows through cabling
- Open design allows easy use of cable ties or CANNON WRAP if required.
- CANNON WRAP can be found on **page 4.26**

Material & Finish: 1.5mm steel, painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.

Additional colours available on request.

NB: Fixings required - **see front panel fixing kit page 4.26**

DESCRIPTION	PART CODE
19" 1U RING SIZE 80mm D x 30mm H	702C01600601
19" 1U RING SIZE 90mm D x 30mm H	702C01600901
19" 1U RING SIZE 90mm D x 30mm H	702C01600902
19" 2U RING SIZE 90mm D x 74mm H	702C02600902

1U & 2U CABLE MANAGEMENT PANELS

Cannon Cable Management Panels fit directly onto the 19-inch equipment mounting posts and are designed to provide user-friendly cabling support.

- Eliminates cable chaffing via NYLON guides
- Allows through cabling
- Open design allows easy use of cable ties or CANNON WRAP if required.
- CANNON WRAP can be found on **page 4.26**

Material & Finish: 1.5mm steel, painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002 & Blue Guides Nylon 66-S/E to 94 VO SKY BLUE RAL 5015.

CA158

CA159

DESCRIPTION	PART CODE
19" 1U RING SIZE 92mm D x 44mm H	CA158
19" 2U RING SIZE 92mm D x 88mm H	CA159

NB: Fixings required - **see front panel fixing kit page 4.26**

Size conversions: 1U = 44.45mm = 1 ³/₄"   600mm = 24"   700mm = 28"   800mm = 32"   1kg = 2.2lbs

CANNON WRAP

- Self gripping enabling easy containment of cable bundles.
- Reduces possibility of damage to cabling.
- Softer than traditional plastic cable ties.
- Available in 20m roll – cut to any length for your own requirements.

Colour:
Black with white text.

DESCRIPTION	PART CODE
CANNON WRAP	CA161

FRONT PANEL FIXINGS

Cannon front panel fixings consist of:

- M6 Cage nuts
- Cup washers
- M6 Pan Head Pozidrive screws
- Supplied in a bag of 25/50/100 sets.

QUANTITY	PART CODE
25	KP0276
50	KP0004
100	KP0275

MIKEY BUTTONS

- Quick-Fit Fasteners for 19-inch panel mounting – **10 per kit**
- **MI**cro Turn (1/8 turn to fix)
- **KEY**less/Tool-less
- Large ears provide easy grip for Quick-Fit mounting of Cannon 19-inch panels and cable management rings
- No more fiddly cage nuts
- Re-usable, quick, reliable

DESCRIPTION	PART CODE
MiKEY BUTTON	KP0323

QUICK-FIT BUTTONS (1/8 TURN)

- Quick-Fit Buttons fit Cannon Quick-Fit Accessories.

QUANTITY	PART CODE
20	KP0120
100	KP0121

Size conversions: 1U = 44.45mm = 1 ³/₄"   600mm = 24"   700mm = 28"   800mm = 32"   1kg = 2.2lbs

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QUICK-FIT 19-INCH PLASTIC BLANKING PANELS

Cannon Quick-Fit 19-inch Plastic blank panels are supplied in **packs of 10** with MiKey Buttons.

Available in 1U & 3U versions.

Material: Black Polypropylene UL94V-0.

DESCRIPTION	PART CODE
1U	KP0330-1U
3U	KP0330-3U

19-INCH BRUSH STRIP PANEL

Cannon 1U Brush Strip Cable Entry Panels fit directly onto the 19-inch equipment mounting posts of Cannon cabinets.

The panels are 1U to 3U high and have been designed to provide a convenient and tidy alternative to horizontal cable management when an excess of cable might be involved, or where cables need to be routed to the rear of equipment.

Slots (where applicable) have been incorporated in the 100mm deep rearward facing support tray for cable fastening purposes. The brush strip gives a neat and tidy appearance to the finished configuration and reduces the ingress of dust.
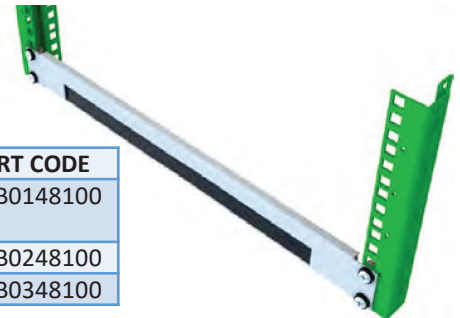
Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.

Additional colours available on request.

DESCRIPTION	PART CODE
1U 19" BRUSH STRIP PANEL	395B01601002
2U 19" BRUSH STRIP PANEL	395B02481000
3U 19" BRUSH STRIP PANEL	395B03481000

DESCRIPTION	PART CODE
1U 19" BRUSH STRIP FLAT PANEL	395B0148100
2U	395B0248100
3U	395B0348100

19-INCH BLANKING/VENTED PANELS

Cannon front panels are plain or vented as required and are provided with standard 19-inch fixing holes.

Material & Finish: 1.5mm steel, Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002. Other colours available on request.

SIZE	BLANKING PANEL	VENTED PANEL
1U	166C01600000	167C01600000
2U	166C02600000	167C02600000
3U	166C03600000	167C03600000
4U	166C04600000	167C04600000
5U	166C05600000	167C05600000
6U	166C06600000	167C06600000
7U	166C07600000	167C07600000
8U	166C08600000	167C08600000
9U	166C09600000	167C09600000
10U	166C10600000	167C10600000
11U	166C11600000	167C11600000
12U	166C12600000	167C12600000
14U	166C14600000	-
23U	166C23600000	-

CAGE NUT INSERTION/EXTRACTION TOOL

- Simple and easy to use, this aids the insertion or extraction of cage nuts from the Cannon mounting posts.

DESCRIPTION	PART CODE
CAGE NUT TOOL	CA021

CABINET JOINING/BAYING KIT

- Cannon cabinet joining kits offer a very simple solution where cabinets are required to be joined, or bayed together
- One joining kit will bay two cabinets together.

DESCRIPTION	PART CODE
JOINING/BAYING KIT	KP0236

CASTORS

Cannon castors are easily fitted to the base of any Cannon cabinet. Medium duty castors are supplied in a choice of two weight carrying capacities, either lockable or non-lockable. It is recommended that two of the castors in a set of four are lockable and that these should be fitted at the front of the cabinet.

Supplied: Individually with fixings.

DESCRIPTION	DYNAMIC MAX. LOAD EACH	PART CODE
NON-LOCKING, LIGHTWEIGHT	50KG	CA003
LOCKING, LIGHTWEIGHT	50KG	CA004
NON-LOCKING, MEDIUM DUTY	75KG	CA001
LOCKING, MEDIUM DUTY	75KG	CA002
NON-LOCKING HEAVY DUTY	100KG	CA005
LOCKING HEAVY DUTY	100KG	CA006
NON-LOCKING **EXTRA** HEAVY DUTY	160KG	CA029
PACKER PLATE REQUIRED FOR EACH **EXTRA** HEAVY DUTY CASTOR	-	901C00080800
HD XT CASTOR SWIVEL	200KG	CA098
HD XT CASTOR FIXED	200KG	CA099

Please note that all cabinets are normally supplied with light duty castors (not shown here).

Non-locking medium duty castors
Castor height 70mm.

Locking medium duty castors
Castor height 70mm.

Non-locking heavy duty castors
Castor height 70mm.

*On 1200mm deep cabinets you will require 6 castors

ADJUSTABLE FEET/SCREW JACKS

Cannon adjustable jacking feet fit easily into the base of any Cannon cabinet to allow the leveling of cabinets on uneven surfaces.

- Thread size M10 x 35mm
- **Supplied individually.**

50mm diameter foot

DESCRIPTION	MAX. LOAD EACH	PART CODE
SCREW JACKS 50mm	500KG	CA010

Cannon 25mm Adjustable Screw Jacks are for use with the castors. These screw jacks when fully retracted, allow castors to pivot 360°.

- **Supplied individually.**

25mm diameter feet

DESCRIPTION	MAX. LOAD EACH	PART CODE
SCREW JACKS M10 x 70mm	500KG	CA011
SCREW JACKS M10 x 100mm	500KG	CA018

MODULAR PLINTH KITS

Cannon modular plinths fit beneath the cabinet to allow cable to feed from both sides and the rear.

Plinths consist of four rugged corner supports and infill panels to suit all footprints of the cabinet range. The front and rear panels and side panels are plain.

The nature of the modular construction allows simple and easy access, also the possibility of retrofitting the plinth, should this be required.

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.

Additional colours available on request.

Modular plinth shown assembled, but supplied in flat pack kit form.

600mm WIDE CABINET FOOTPRINT		700mm WIDE CABINET FOOTPRINT		800mm WIDE CABINET FOOTPRINT	
600 x 600	335B02606005	700 X 600	335B02706005	800 X 600	335B02806005
600 x 800	335B02608005	700 x 800	335B02708005	800 x 800	335B02808005
600 x 900	335B02609005	700 x 900	335B02709005	800 x 900	335B02809005
600 x 1000	335B02609905	700 x 1000	335B02709905	800 x 1000	335B02809905
600 x 1200	335B02601206	700 x 1200	-	800 x 1200	335B02801206

MOBILE PLINTH

Designed for moving cabinet around labs or buildings

- DIA 125mm castors provide stability on uneven surfaces

- Maximum mobile load 400kg

- Care should be taken to ensure loads are evenly distributed with heavy loads to the base of the cabinet

600mm WIDE CABINET FOOTPRINT		800mm WIDE CABINET FOOTPRINT	
600 x 600	EPICPLINTH6099	800 X 600	EPICPLINTH8099
600 x 800	EPICPLINTH6099	800 x 800	EPICPLINTH8099
600 x 900	EPICPLINTH6099	800 x 900	EPICPLINTH8099
600 x 1000	EPICPLINTH6099	800 x 1000	EPICPLINTH8099

DOCUMENT WALLET

Cannon plastic, self-adhesive document wallets can be fitted to the inside of any enclosure door, in any position, allowing simple storage and access of documentation relating to the product within the cabinet.

Pocket size:
232mm(w) x 220mm(h) - suits A4.

Materials & Finish:
Moulded ABS plastic, Black.

DESCRIPTION	PART CODE
A4 DOCUMENT WALLET	CA020

Size conversions: 1U = 44.45mm = 1 ³/₄"   600mm = 24"   700mm = 28"   800mm = 32"   1kg = 2.2lbs

'U' HEIGHT IDENTIFICATION LABELS

Cannon 'U' height identification labels offer a simple-to-read and easy-to-fix identification system for all standard cabinet heights.

The self-adhesive strip is designed to fit the side flange of a cabinet mounting post where it is discrete but easy to access and provides quick and easy equipment positioning.

The identification strip offers standard cabinet height breaks, 'U' height position markers and may be cut to suit any height of cabinet up to a maximum of 48U.

DESCRIPTION	PART CODE
U HEIGHT LABEL	LA0050
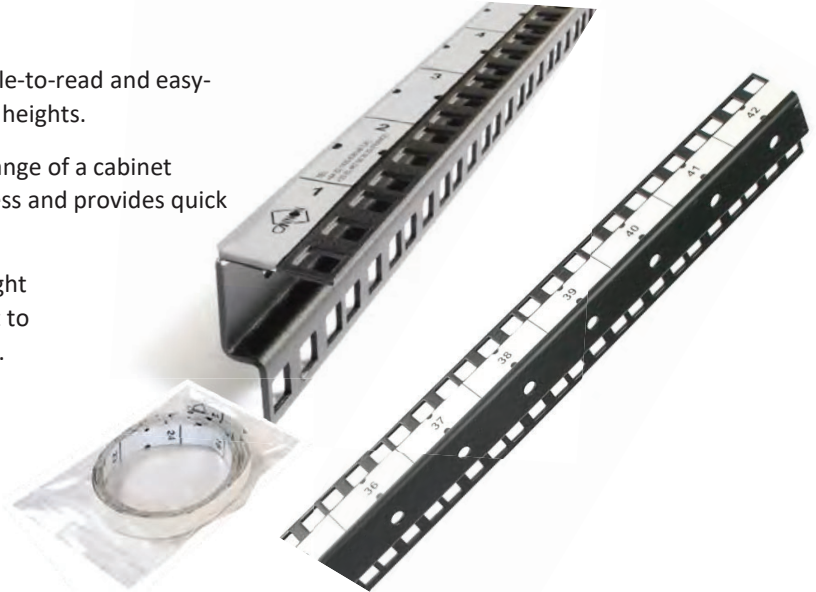
RETRACTABLE STABILISER

This optional stabiliser is easily retro-fittable to the cabinet base and provides a degree of protection against tipping for free standing cabinets, sited directly on the floor.

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.

Additional colours available on request.

| CABINET FOOTPRINT	PART CODE
600mm x 600mm	365B50606000
600mm x 800mm	365B50608000
600mm x 900mm	365B50609000
600mm x 1000mm	365B50609900
600mm x 1200mm	365B50601200
800mm x 600mm	365B50806000
800mm x 800mm	365B50808000
800mm x 1000mm	365B50809900
800mm x 1200mm	365B50801200

TELESCOPIC CABLE TROUGH.

Cannon telescopic cable trough fits directly to front and rear 19in ch mounting posts and allow:

- Cable management between the front and rear of installed equipment within the 19" area.
- Seal front air path to provide efficient cooling of equipment
- Telescopic size: 550mm to 1000mm

DESCRIPTION	PART CODE
1U 19" 550 to 1000mm CABLE TROUGH WITH FRONT BRUSH STRIP	925B01609900
2U 19" 550 to 1000mm CABLE TROUGH WITH FRONT BRUSH STRIP	925B02609900
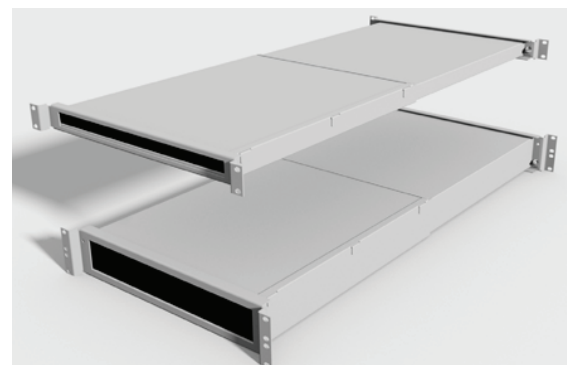
Materials & Finish: Powder coated MS & Nylon Brush.
Supplied: Individually with fixings.

LIFTING EYES

Cannon lifting eyes for use when cabinets are required to be lifted into position; lifting eyes affix to the top of the cabinet - two on each side.

Must be fitted with the side panels removed.

Supplied: In set of four with fixings - can be factory fitted on request.

Finish: Standard: Powder painted Velvet Black to RAL 9005 or Chameleon (Grey White) to RAL 9002.

Additional colours available on request.

Recommended total lifting load: 500kg.

DESCRIPTION	PART CODE
SET OF 4 LIFTING EYES	KP0010

TRANS-SHIPMENT BASE

- Standard size Euro pallets to allow safe and easy fork-lift and movement of cabinets, particularly when being transhipped.
- Height of Trans-shipment base: 140mm.
- Secured by bolting cabinet base directly to pallet through each of the four corners.
- Pallet size: 800mm x 1200mm.

Two options available

- Pallet only.
- Pallet plus export packaging.

| DESCRIPTION	PART CODE
PALLET PLUS EXPORT PACKAGING	PA07057
PALLET ONLY	PA07057A

VERTICAL EARTH BAR

Cannon 64 way 42U vertical earth bar provides easily accessible earth connections the full height of any   cabinet. Connection is by screwing the earth terminal (earth terminals not supplied) to the copper bar using the M6 fixings   provided.

Supplied as: 1 x earth bar (busbar) 64 way plus fixings supplied bagged separately:

- 22 x M6x16 Pozi pan head screws
- 20 x M6 Flat form washers
- 20 x M6 Shake-proof washer
- 20 x M6 Flanged shake-proof nut
- 2 x M6 Cage nuts

DESCRIPTION	PART CODE
VERTICAL EARTH BAR	012C42020001
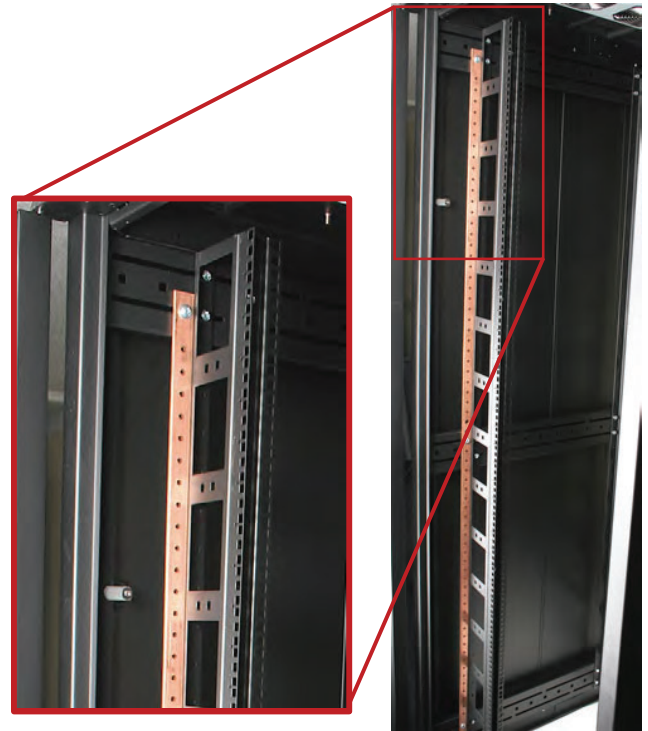
19-INCH (HORIZONTAL) EARTH BAR

Cannon 20 way 19-inch (horizontal) earth bar provides easily ac-cessible earth connections at the rear of any cabinet. Connection is by screwing the earth terminal (earth terminals not supplied) to the copper bar using the M6 fixings provided.

Supplied as: 1 x 19-inch earth bar (busbar) 20 way plus fixings supplied bagged separately:

- 22 x M6x16 Pozi pan head screws
- 20 x M6 Flat form washers

As supplied

- 20 x M6 Shake-proof washer
- 20 x M6 Flanged shake-proof nut
- 2 x M6 Cage nuts

DESCRIPTION	PART CODE
19-INCH EARTH BAR	012C01480500

VERTICAL EARTH STRIP

Cannon vertical earth strips offer a full height earthing option within a cabinet with 'fast-on' connectors in groups of three. The earth strip should either be connected to the earth stud in the bottom of the cabinet or to a common horizontal earth bar, as is shown below. Other designs on request.

SIZE	PART CODE
9U	012C09000000
12U	012C12000000
15U	012C15000000
22U	012C22000000
25U	012C25000000
27U	012C27000000
33U	012C33000000
37U	012C37000000
39U	012C39000000
42U	012C42000000
45U	012C45000000

EARTH BONDING KITS

Cannon earth bonding kits consist of five terminated cables and fixings. These cables can be easily fitted to the M6 earth studs, suitably positioned in all Cannon cabinets, to provide panel and door earth bonding.

5 Terminated cables:
Cable 1: For Top Cover
Cable 2: For One Side Panel
Cable 3: For One Side Panel
Cable 4: For Front Door
Cable 5: For Rear Door

DESCRIPTION	PART CODE
EARTH BONDING KIT 600-1000D CAB	KP0223
EARTH BONDING KIT 1200D CAB	KP0223-1200D
EARTH BONDING KIT LOW SMOKE ZERO HALOGEN	KP0223LSZH
EARTH BONDING KIT (*SERVER SPACE*) CAB	KP0223-SLDP
MOUNTING POST EARTH BONDING KIT	KP0251
EARTH LEAD FOR VERTICALLY SPLIT DOORS (ONE REQUIRED FOR EACH PAIR OF DOORS)	EC1305/11

VERTICAL EARTH RAIL

1 or 2 Meter earth rail able to be fitted vertically into any Cannon cabinet.

Supplied as:
- 1 x length earth rail 10mm x 3mm x 1M or 2M
- 3 x insulated mounting blocks
- 1 x large terminal 16 – 35mm conductor
- 10 x small terminal 1.5 – 4mm conductor
- 3 x M5x16 pozi pan head screw BZP
- 3 x M5 flange nut

NOTE: ADDITIONAL SINGLE WIDTH DEPTH SUPPORT MEMBER MAY BE REQUIRED – SEE PAGE 4.16

SIZE	PART CODE
1M EARTH RAIL	CA141
2M EARTH RAIL	CA142

ESD BONDING STUD

Electro Static Discharge bonding point for attachment of wristband whilst working within the cabinet.

Supplied: Fitted complete with label.

DESCRIPTION	PART CODE
ESD BONDING POINT	EA0231

ANTI-STATIC FABRIC WRIST BAND FOR ESD GROUNDING

- Fully adjustable, elastic
- 1.8 Coil lead length
- Stud size 10
- Press stud termination type

DESCRIPTION	PART CODE
ANTI-STATIC WRIST BAND	EA0232