

19” Cabinet System

COOPER B-Line

EC 19" Cabinet system

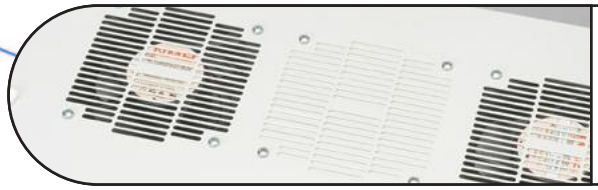
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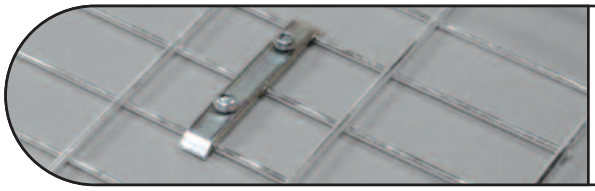
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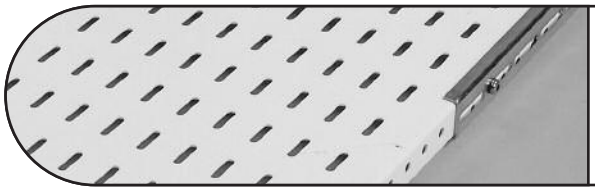
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COOPER B-Line

“Quality & Price it’s in the box”

Today’s Competitive markets require cost effective products that deliver the right solution. Cooper B-Line introduce EC, a 19" cabinet system designed to give users a practical, yet highly versatile cabinet that meets the needs of the most demanding applications.

Incorporating common features such as adjustable 19" mounting angles and fitted with jacking feet as standard, the EC range offers a configurable top panel system and also provides an open base design to promote trouble free installation. Externally the cabinet can be fitted with a range of options including side panels, plain steel doors, vented glazed doors and vented steel doors all designed to offer the flexibility to meet everyday requirements.

Furthermore, the EC design boasts excellent style and aesthetics, built to the high quality standard our customers have grown to expect over the years from Cooper B-Line.

The best news of all – you’ll find the range very competitively priced so it really won’t cost you the earth.

EC 19" Cabinet

- Networking / Cabling
- Server Housing
- 19" Electronic Equipment Housing
- Communication Systems
- IT Systems

Benefits

- 5 height variations
- 2 width options, 600mm and 800mm
- 3 depths available, 600mm, 800mm and 1000mm
- Fully adjustable 19" mounting angles
- Configurable top panels
- Open base design with optional plinth
- Plain steel, vented steel and glazed door options
- Lockable lift off side panels
- Compatible with Cooper B-Line Access and Fusion Accessories
- Available either fully built or flat packed
- Available in standard Light Grey NCS 1502-Y or Black RAL 9005



Colour Variations

Standard floor standing cabinet



stylish appearance

The new EC range from Cooper B-Line combines quality, functionality and style in a cost effective enclosure solution for cabling and hardware installations.



glass vented door

Choose from:

- 5 popular heights 22U, 27U, 39U, 42U and 47U
- 2 standard widths 600mm and 800mm
- 3 cabinet depths 600mm, 800mm and 1000mm

Each standard cabinet is supplied in the following configuration:

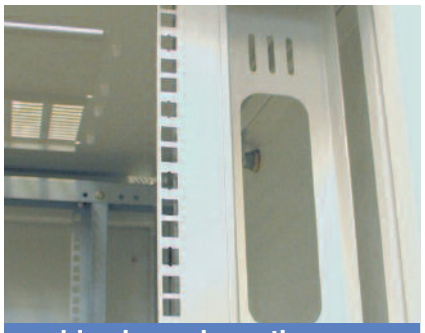
- 4 off 19" full height mounting angles
- Lockable vented glazed front door and plain steel rear door
- Quick fit / remove lockable side panels
- Top panels – two plain panels
- Jacking feet
- Colour scheme: Light grey (NCS1502Y) or Black (RAL 9005)
- Supplied fully assembled on a pallet for easy movement or flat packed for self assembly



all 19” rails include unit position markers

Cabinet 600mm Wide

The 600 wide version can be used for a wide range of conventional applications such as general purpose 19" equipment housing, servers and networking hardware.



cable channels on the 800mm wide cabinet

Cabinet 800mm Wide

The 800 wide EC range offers practical built-in cable management for applications which also require extra room for cabling and patching between equipment. The front 19" mounting angles are fitted with a pair of versatile ‘U’ shaped cable channels, which can be fitted in various positions to provide the best cabling solution or, if preferred, completely removed and replaced with conventional cable tidies.

Quick ship configurations

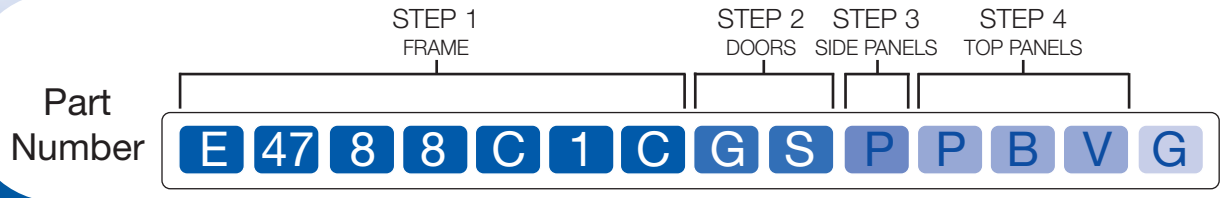
Cabinet 600mm Wide (Grey cabinet option)

Height (U)	Height (mm)	Width (mm)	Depth (mm)	Max Usable Depth (mm)	Weight (kg)	Part Number (Assembled)	Part Number (Flat Packed)
22	1147	600	600	450	60	E2266C1NGSPLNPG	E2266K1NGSPLNPG
			800	650	66	E2268C1NGSPLNPG	E2268K1NGSPLNPG
			1000	850	72	E2261C1NGSPLNPG	E2261K1NGSPLNPG
27	1369	600	600	450	73	E2766C1NGSPLNPG	E2766K1NGSPLNPG
			800	650	81	E2768C1NGSPLNPG	E2768K1NGSPLNPG
			1000	850	89	E2761C1NGSPLNPG	E2761K1NGSPLNPG
39	1902	600	600	450	92	E3966C1NGSPLNPG	E3966K1NGSPLNPG
			800	650	106	E3968C1NGSPLNPG	E3968K1NGSPLNPG
			1000	850	120	E3961C1NGSPLNPG	E3961K1NGSPLNPG
42	2036	600	600	450	99	E4266C1NGSPLNPG	E4266K1NGSPLNPG
			800	650	115	E4268C1NGSPLNPG	E4268K1NGSPLNPG
			1000	850	131	E4261C1NGSPLNPG	E4261K1NGSPLNPG
47	2258	600	600	450	111	E4766C1NGSPLNPG	E4766K1NGSPLNPG
			800	650	129	E4768C1NGSPLNPG	E4768K1NGSPLNPG
			1000	850	147	E4761C1NGSPLNPG	E4761K1NGSPLNPG

Cabinet 800mm Wide (Grey cabinet option)

Height (U)	Height (mm)	Width (mm)	Depth (mm)	Max Usable Depth (mm)	Weight (kg)	Part Number (Assembled)	Part Number (Flat Packed)
22	1147	800	600	450	67	E2286C1NGSPLNPG	E2286K1NGSPLNPG
			800	650	74	E2288C1NGSPLNPG	E2288K1NGSPLNPG
			1000	850	81	E2281C1NGSPLNPG	E2281K1NGSPLNPG
27	1369	800	600	450	82	E2786C1NGSPLNPG	E2786K1NGSPLNPG
			800	650	90	E2788C1NGSPLNPG	E2788K1NGSPLNPG
			1000	850	98	E2781C1NGSPLNPG	E2781K1NGSPLNPG
39	1902	800	600	450	107	E3986C1NGSPLNPG	E3986K1NGSPLNPG
			800	650	119	E3988C1NGSPLNPG	E3988K1NGSPLNPG
			1000	850	131	E3981C1NGSPLNPG	E3981K1NGSPLNPG
42	2036	800	600	450	117	E4286C1NGSPLNPG	E4286K1NGSPLNPG
			800	650	128	E4288C1NGSPLNPG	E4288K1NGSPLNPG
			1000	850	139	E4281C1NGSPLNPG	E4281K1NGSPLNPG
47	2258	800	600	450	131	E4786C1NGSPLNPG	E4786K1NGSPLNPG
			800	650	143	E4788C1NGSPLNPG	E4788K1NGSPLNPG
			1000	850	155	E4781C1NGSPLNPG	E4781K1NGSPLNPG

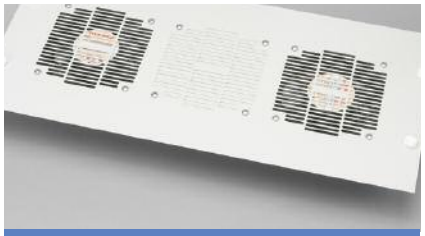
Four easy selection steps





E	EC Cabinet Range	
47	Unit Height	22U, 27U, 39U, 42U & 47U
8	Width in mm	6 = 600 8 = 800
8	Depth in mm	6 = 600 8 = 800 1 = 1000
C	Frame Configuration	C = Corner plates and jacking feet K = Flat Packed T = Corner plates, jacking feet and castors P = Corner plates, jacking feet and plinth kick plates
1	Mounting Rails and Width Setting	1 = 19-inch (includes cable channels at the front on 800mm wide cabinets) 9 = 19-inch with cable channels front and rear (available on 800mm wide cabinets only)
C	Rail Mounting Positions	C = Centre N = Not Available L = Offset Left R = Offset Right
G	Front Door Options	G = Glass Left Hinge V = Vented Left Hinge H = Glass Right Hinge W = Vented Right Hinge S = Solid Steel Left Hinge N = None T = Solid Steel Right Hinge
S	Rear Door Options	
P	Side Panel Options	P = Plain Both Sides N = None L = Plain Left Side R = Plain Right Side
P	Front Top Panel	P = Plain 4 = Fan Tray 2 Fans (230V) B = Brush Strip 5 = Fan Tray with Controller V = Vented 6 = Fan Tray 3 Fans (230V) L = Large Plain 7 = Fan Tray 4 Fans (230V)* N = None 8 = Fan Tray 2 Fans (110V) 9 = Fan Tray 3 Fans (110V) * Option 7 replace all top panels
N	Middle Top Panel	
V	Rear Top Panel	
G	Colour Options	G = Grey B = Black

Top panels and base options



top view of fan tray



underside view of fan tray showing controller



brush strip cable entry



base showing castor and jacking foot

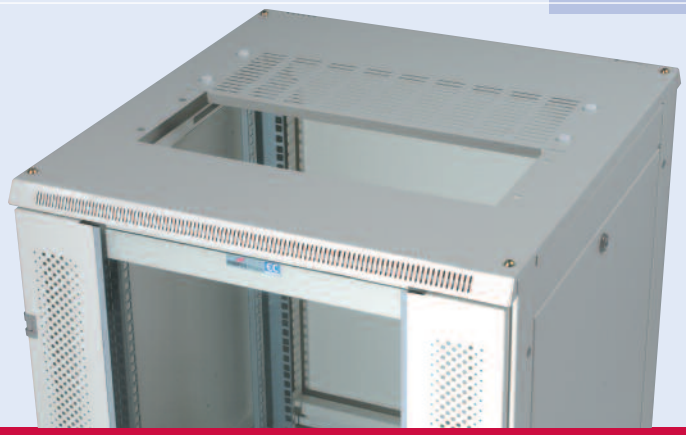


base showing plinth kit mounted

Top Panel Options

The roof panel has a single large cutout which accepts either two standard top panels or a single 4-way fan tray. Top panel options are detailed below and can be specified and positioned in the roof panel using the product part code as detailed on page 4.

Description	Part Number Grey	Black
Plain Panel	FTPPG	FTPPB
Vented Panel	FTPVG	FTPVB
Brush Strip Panel	FTPBG	FTPBB
Fan Tray / 2 Fans 230V AC	FTP4G	FTP4B
Fan Tray / TCM1000 + 2 DC Fans	FTP5G	FTP5B
Fan Tray / 3 Fans 230V AC	FTP6G	FTP6B
Fan Tray / 4 Fans 230V AC	FTP7G	FTP7B
Fan Tray / 2 Fans 110V	FTP8G	FTP8B
Fan Tray / 3 Fans 110V	FTP9G	FTP9B

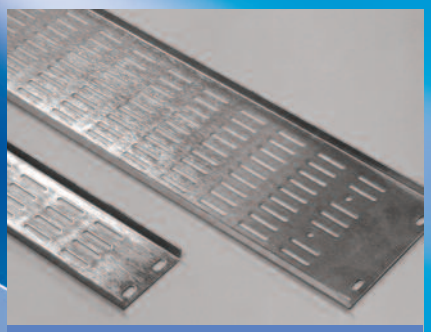


Base Options

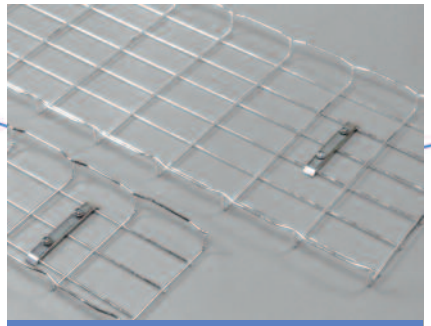
EC cabinets come with a multifunctional corner plate as standard. The plate can be used to bolt the cabinet to a floor, or alternatively it can be fitted with either *jacking feet and/or castors. An optional plinth kit is also available which covers the raised base area for a neat finish. The plinth plates can be individually removed to allow cable access if required.

*Jacking feet are fitted as standard to all cabinets.

Description	Part Number ECC Grey	Black
Set of 4 Castors		
Plinth Kit, 600W x 600D	EMP66	EMP66B
Plinth Kit, 600W x 800D	EMP68	EMP68B
Plinth Kit, 800W x 600D	EMP86	EMP86B
Plinth Kit, 800W x 800D	EMP88	EMP88B



cable tray



cable basket



centre cabling support



cable channels on the 800mm wide cabinet

Cable Tray

Description	Part Number
75mm wide - 22U	ECTR22
75mm wide - 27U	ECTR27
75mm wide - 39U	ECTR39
75mm wide - 42U	ECTR42
75mm wide - 47U	ECTR47
150mm wide - 22U	ECTRW22
150mm wide - 27U	ECTRW27
150mm wide - 39U	ECTRW39
150mm wide - 42U	ECTRW42
150mm wide - 47U	ECTRW47

Cable Basket

Description	Part Number
150mm wide – 22U	EBS2215
150mm wide – 27U	EBS2715
150mm wide – 39U	EBS3915
150mm wide – 42U	EBS4215
150mm wide – 47U	EBS4715
300mm wide – 22U	EBS2230
300mm wide – 27U	EBS2730
300mm wide – 39U	EBS3930
300mm wide – 42U	EBS4230
300mm wide – 47U	EBS4730

Centre Cabling Support

Description	Part Number Grey	Black
Centre cabling support 600mm deep	ECCCS6G	ECCCS6B
Centre cabling support 800mm deep	ECCCS8G	ECCCS8B
Centre cabling support 1000mm deep	ECCCS1G	ECCCS1B

Cable Channels

As standard each 800mm wide EC cabinet has a cable channel fitted beside each side of the front 19-inch mounting angles. Additional cable channels can be ordered to fit beside the rear 19-inch mounting angles or alternatively they can be mounted directly to the inside of the cabinet providing a function similar to the standard cable tray but with a cable through option.

Description	Part Number Grey	Black
EC Cable Channel - 22U	ECCC22	ECCC22B
EC Cable Channel - 27U	ECCC27	ECCC27B
EC Cable Channel - 39U	ECCC39	ECCC39B
EC Cable Channel - 42U	ECCC42	ECCC42B
EC Cable Channel - 47U	ECCC47	ECCC47B

Cable Management Hoops:

Our customers requirements for cable management within the cabinet are varied and can differ from installation to installation. To aid the routing and manageability of cables within the cabinet we offer a range of cable hoops that can be mounted both horizontally and vertically within the cabinet. This leaves the installer free to decide where and how the cables are positioned for optimum performance during installation and maintenance.

Standard Cable Tidies

- Manufactured from Halogen Free Nylon and finished in Mid Grey
- Fits directly to 19" panel mounts or 800mm wide cable channels
- Single hole fixing
- Hinged gate clip action
- Multiple mounting positions
- Approximate overall dimensions

Description	Size	Part Number
Cable tidy - small	80mm x 40 x 26mm	CTS
Cable tidy - large	120mm x 60mm x 28mm	CTL

Flexible Cable Tidies

- Manufactured from Halogen Free Nylon and finished in Mid Grey
- Similar to CTS and CTL but allows the hoop to be opened fully.
- Fits directly to 19" panel mounts or 800mm wide cable channels
- Single hole fixing
- Multiple mounting positions
- Approximate overall dimensions

Description	Size	Part Number
Flexible cable tidy - Size 1	62mm x 42mm x 22mm	CGCT1
Flexible cable tidy - Size 2	82mm x 42mm x 22mm	CGCT2
Flexible cable tidy - Size 3	75mm x 75mm x 22mm	CGCT3
Flexible cable tidy - Size 4	122mm x 62mm x 22mm	CGCT4

Cable Tidy Fixing Kit

Universal fixing kit to mount both the CT and CGCT range of cable tidy hoops. Fixing kit comprises of the following;

- 10 off M6 socket cap screws
- 10 off M6 plain washers
- 10 off M6 cage nuts
- 10 off M6 flange nuts

Description	Part Number
Universal cable tidy fixing kit	UCTFK

Cable Management Panels

Description	Part Number
Jumper ring panel 1U	JRP1
Jumper ring panel 2U	JRP2

Cable Entry Brush Strip

Description	Part Number
1U Cable Entry Panel - Grey	BSP1U
1U Cable Entry Panel - Black	BSP1UB



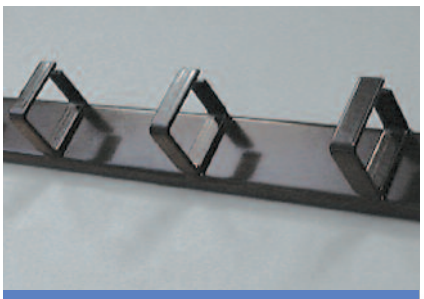
CTS cable tidy



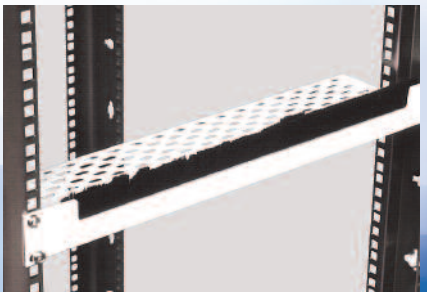
CTL cable tidy



CGCT series cable tidy



cable management panels



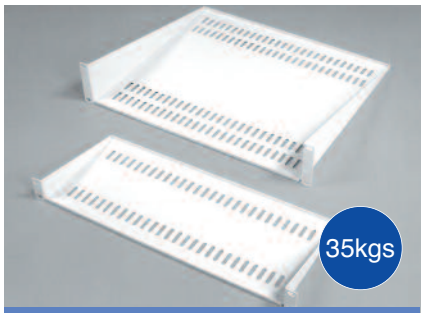
cable entry brush strip



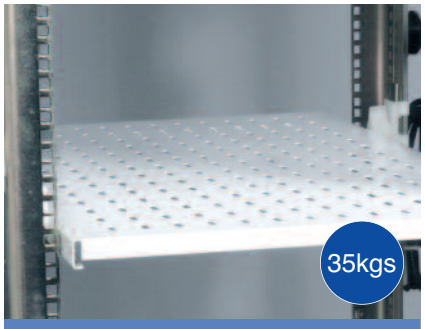
19" front panel



chassis runners



cantilever shelves



quick fit fixed shelf

19" front panels

Material and finish: 1.5mm steel, painted light grey or satin anodised aluminium

Description	Part Number Aluminium	Grey	Black
Front Panel 1U	PPA1	PPS1	PPS1B
Front Panel 2U	PPA2	PPS2	PPS2B
Front Panel 3U	PPA3	PPS3	PPS3B
Front Panel 6U	PPA6	PPS6	PPS6B

Chassis Supports and Trays

Fix directly between front/rear 19" mounting angles to accept standard vented 'chassis tray' (order separately) or customers equipment.

- Load rating 35kg (Uniformly Distributed)
- Includes fixing kit

Description	Depth	Part Number
Chassis runners (1 pair)	380mm	ECR39
Chassis runners (1 pair)	444mm	ECR45
Chassis runners (1 pair)	571mm	ECR58
Chassis runners (1 pair)	627mm	ECR62
Chassis tray	230mm	CT230
Chassis tray	455mm	CT455

Cantilever Shelves

Fit to front face of 19" mounting angles, with angles set at standard 19" width. Ideal for modems, hubs or other networking equipment.

- Made from 1.5mm mild steel. Light grey or black finish
- Load rating 35kg (Uniformly Distributed)

Description	Height 'U'	Depth	Part Number
19" Front Mounted - Grey	1	190mm	MS19
19" Front Mounted - Grey	2	400mm	MS40
19" Front Mounted - Grey	3	400mm	MS403
19" Front Mounted - Black	1	190mm	MS19B
19" Front Mounted - Black	2	400mm	MS40B
19" Front Mounted - Black	3	400mm	MS403B

Fixed Shelves

Quick Fit Range

- Ventilated shelf to assist convection
- Unique bracket requires no fixings
- Simple thumb screw locks shelf in position
- Add and remove shelves in seconds
- Designed for loads up to 35kg
- Full width versions to suit 800 wide cabinets with no vertical cable channels fitted
- Made from 1.2mm mild steel. Light grey or black finish

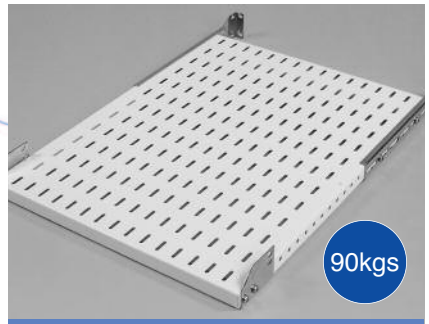
Description	Depth	Part Number
19" width - Grey	450mm	QRSV45
19" width - Grey	550mm	QRSV55
19" width - Grey	650mm	QRSV65
Full width - Grey	450mm	QRSVFW45
Full width - Grey	650mm	QRSVFW65
19" width - Black	450mm	QRSV45B
19" width - Black	550mm	QRSV55B
19" width - Black	650mm	QRSV65B

Fixed Shelves

Heavy Duty Range

- Adjustable rear bracket to suit various depth cabinets
- 3 depths: 450, 550 and 650mm
- Up to 90kg load when supported equally on the vertical panel mounting angles
- Full width versions to suit 800 wide cabinets with no vertical cable channels fitted
- Made from 2mm mild steel. Light grey powder paint finish

Description		Part Number
19" width	450mm	HDASV45AS
19" width	550mm	HDASV55AS
19" width	650mm	HDASV65AS
Full width	550mm	HDASVFW55AS
Full width	650mm	HDASVFW65AS



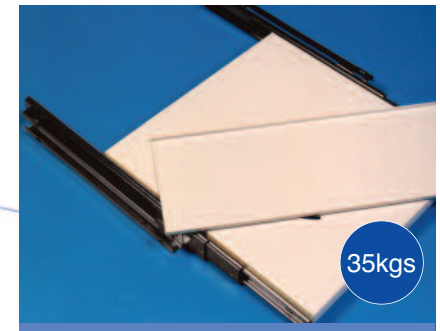
quick fit fixed heavy duty shelf

Sliding keyboard shelf

Enables a standard keyboard to be used in any 19" rack.
Turntable permits a keyboard which is wider than 450m to be turned through 90° for storage. Universal mounting brackets fit uprights set between 450 & 750mm apart.

- Depth adjustable between 450 & 750mm
- Universal mounting fits any standard 19" rack
- Load rating 35kg (Uniformly Distributed)
- Includes fixing kit

Description	Part Number
Sliding Keyboard Shelf	KT750



sliding keyboard shelf

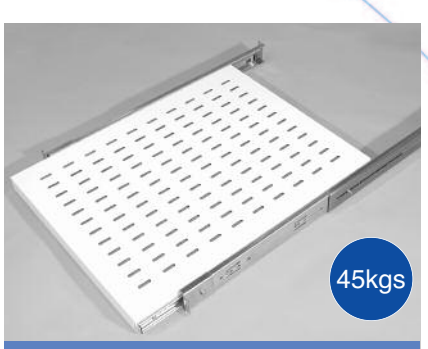
Sliding Shelves

Universal Fit Range

To suit EC & Other 19" Enclosures with Front & Rear IEC Fixings.

- Vented Shelf to Assist Convection
- Adjustable Rear Bracket
- Fits any 19" rack by utilising front and rear mountings
- Designed for loads up to 45kg when supported equally on the vertical panel mounting angles
- Made from 1.5mm mild steel. Light grey or Black finish

Min-Max Front to Rear 19" rail spacing	Shelf Depth & Colour	Part Number
444 - 749	Grey - 455mm	LDATSV45
444 - 812	Grey - 555mm	LDATSV55
444 - 749	Black - 455mm	LDATSV45B
444 - 812	Black - 555mm	LDATSV55B



universal sliding shelf

Sliding Shelves

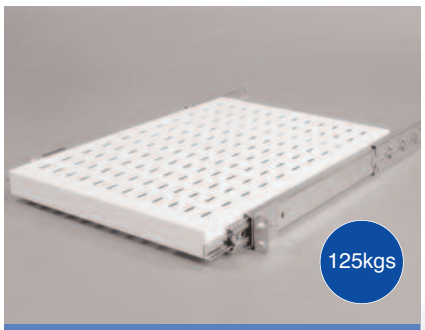
Universal Quick Fit Sliding Shelf (To suit EC & Other 19" Enclosures with Front & Rear IEC Fixings.)

- Vented Shelf to Assist Convection
- Adjustable Rear Bracket
- Unique Fitting Requires No Tools*
- 125kg load rating when supported equally on the vertical panel mounting angles
- Made from 1.5mm mild steel. Light grey powder paint finish

Min-Max Front to Rear 19" Rail Spacing	Type	Depth	Part Number
363 - 513mm	19" width	450mm	QRTSV45
513 - 663mm	19" width	600mm	QRTSV60
663 - 813mm	19" width	750mm	QRTSV75
363 - 513mm	Full width	450mm	QRTSVFW45
513 - 663mm	Full width	600mm	QRTSVFW60

Full width versions to suit 800 wide racks with rails fitted to extreme outside edges.

* For permanent fixing, Posidrive screw driver required.



universal sliding shelf



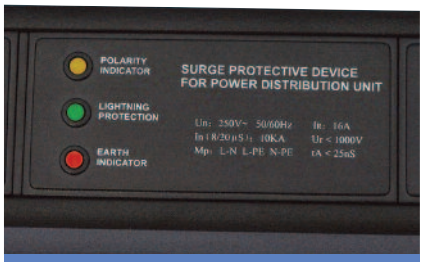
sliding shelf assembly



5 way horizontal



7 Way Horizontal



PDU surge



PDU switch

Magnetic Internal Lighting Unit

A compact internal fluorescent cabinet light with on/off switch and socket for additional equipment. Can be either mounted using the built in magnetic strip or screw fixed to standard 35mm DIN rail. 2.5mm² connectors for incoming power cable (not supplied) Available with various socket styles (see below)

Description	Part Number
Light with UK socket	KL02510
Light with German socket	KL02500
Light with French socket	KL02501
Light with Swiss socket	KL02502
Light with USA socket	KL02505

Horizontal Power Managment

Horizontal Mounting PDU's are fitted either to the front, rear or both 19" mounting rails

Benefits

- Suitable for horizontal applications
- Integral 19" mounting brackets
- Robust all aluminium housing
- Shrouded switch
- 3 metre input lead terminated with a BS1363 plug fused at 13A
- 2U of rack space is required for horizontal units when fitted to the front 19" mountings
- Unit overall rating 13A, 250V

Description	Part Number
4 Way BS1363 Horizontal Mounting PDU - Switched 13 AMP	PSH04DC21SN3DB
5 Way BS1363 Horizontal Mounting PDU - Switched 13 AMP	PSH05DC21SN3DB
6 Way BS1363 Horizontal Mounting PDU - Switched 13 AMP	PSH06DC21SN3DB
4 Way BS1363 Horizontal Mounting PDU with sockets at 45 degrees - Switched 13 AMP	PSH04DR21SN3DB
5 Way BS1363 Horizontal Mounting PDU with sockets at 45 degrees - Switched 13 AMP	PSH05DR21SN3DB
4 Way BS1363 Horizontal Mounting PDU - Switched 13 AMP with 10KA surge protector	PSH04DC21SF3DB
5 Way BS1363 Horizontal Mounting PDU - Switched 13 AMP with 10KA surge protector	PSH05DC21SF3DB
6 Way BS1363 Horizontal Mounting PDU - Switched 13 AMP with 10KA surge protector	PSH06DC21SF3DB
4 Way IEC320 Horizontal Mounting PDU - Non switched 13 AMP	PSH04IC21SN3DB
6 Way IEC320 Horizontal Mounting PDU - Non switched 13 AMP	PSH06IC21SN3DB
8 Way IEC320 Horizontal Mounting PDU - Non switched 13 AMP	PSH08IC21SN3DB

Please note that the standard PDU's above have a switched input with a cable length of 3m. If you have any PDU requirements in addition to the ones shown above, please contact our Customer Services team who will be happy to arrange a quotation.

Vertical Power Management

Suitable for vertical mounting either direct to the 19" mounting angles or to vertical cable tray

Benefits

- Integral 19" mounting brackets
- Robust all aluminium housing
- Shrouded switch
- 3 metre input lead terminated with a BS1363 plug fused at 13A
- Unit overall rating 13A, 250V

Description	Part Number
6 Way BS1363 Vertical Mounting PDU with socket at 45 degrees - Switched 13 AMP	PSV06DR21SN3DB
8 Way BS1363 Vertical Mounting PDU with socket at 45 degrees - Switched 13 AMP	PSV08DR21SN3DB
10 Way BS1363 Vertical Mounting PDU with socket at 45 degrees - Switched 13 AMP	PSV10DR21SN3DB
12 Way BS1363 Vertical Mounting PDU with socket at 45 degrees - Switched 13 AMP	PSV12DR21SN3DB
8 Way BS1363 Vertical Mounting PDU with sockets at 45 degrees - Switched 13 AMP with 10KA surge protector	PSV08DR21SF3DB
10 Way BS1363 Vertical Mounting PDU with sockets at 45 degrees - Switched 13 AMP with 10KA surge protector	PSV10DR21SF3DB
12 Way BS1363 Vertical Mounting PDU with sockets at 45 degrees - Switched 13 AMP with 10KA surge protector	PSV12DR21SF3DB
10 Way IEC320 Vertical Mounting PDU - Non switched 13 AMP	PSV10IC21SN3DB
12 Way IEC320 Vertical Mounting PDU - Non switched 13 AMP	PSV12IC21SN3DB
12 Way IEC320 Vertical Mounting PDU - Non switched 13 AMP	PSV20IC21SN3DB

Please note that the standard PDU's above have a switched input with a cable length of 3m. If you have any PDU requirements in addition to the ones shown above, please contact our Customer Services team who will be happy to arrange a quotation.



10 way Vertical



10 way Vertical



10 way Vertical



10 way Vertical



10 way Vertical

Cabinet Earthing

Designed to mount either onto the vertical mounting angle or into the side of the cabinet these earth bars provide the ideal way of ensuring that all active equipment can be easily grounded.

Description	Part Number
Earthing Kit	EEK
Earth Bar - 22U	ECEB22U
Earth Bar - 27U	ECEB27U
Earth Bar - 39U	ECEB39U
Earth Bar - 42U	ECEB42U
Earth Bar - 47U	ECEB47U
Earth Bar Clamps - Pack of 20	EBL20
Earth Bar Isolation Mounts - Mounting set per earth bar	ECEBIM



earthing Kit

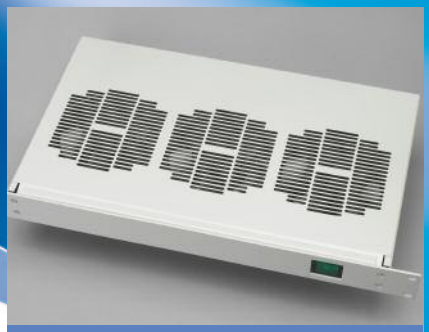


earth bar

Cabinet Baying

Description	Part Number
Baying Kit	EBK

Fan trays and front panels



1U rack mounted fan tray

1U Rack Mounted Fan Tray

- Fits directly to panel mounts
- 230V AC fans
- Neon power indicator
- Occupies only 1U of rack space
- Please order mains lead separately - see options below

Description	No. of Fans	Part Number Grey	Part Number Black
1U Rack Mounted Fan Tray - 230V	3	IVU3L	IVU3LB
1U Rack Mounted Fan Tray - 230V	6	IVU6L	IVU6LB
1U Rack Mounted Fan Tray - 110V	3	IVU3L1	IVU3L1B
1U Rack Mounted Fan Tray - 110V	6	IVU6L1	IVU6L1B

Controlled and Monitored Fans

The TCM1000 module is the same size as a standard 119mm fan and is designed for applications that require speed control and alarm monitoring.

- Can be configured into either a roof mounted or rack mounted fan tray.
- User programmable functions to control up to 6 fans.
- Dual thermistor control with failure alarm via volt- free relay contact.
- Tri- colour LED providing visual status.
- Fan shutdown feature for power saving and noise reduction.
- Universal auto-select mains input (100 - 230V AC).



TCM1000 environmental Control Module

Description	No. of Fans	Part Number Grey	Part Number Black
Roof Fan Tray + TCM1000 + 2 x DC Fans		FTP5G	FTP5B
Rack mounted fan tray + TCM1000 Controller + 2 Fans.		TCMFT2	TCMFT2B
Rack mounted fan tray + TCM1000 Controller + 5 Fans.		TCMFT5	TCMFT5B
TCM100 Fan Control Module		TCM1000PL	
12V DC Axial Fan, Finger Guard & Lead		ECMF12K	
Fan Tray Lead BS1363 13 AMP		AFTL	
Fan Tray Lead IEC 10 AMP		AFTLIEC	
Fan Tray Lead Schuko		AFTLSCH	

Unit Height Labels

Self adhesive 'U' height numbering strip which simply fixes to the front face of the 19" panel mounts.

Description	Part Number
Pairs of height labels, 1-47 - Top to Bottom	AUHL
Pairs of height labels, 1-47 - Bottom to Top	AUHLR
Two Pairs of height labels, 1-47 & 48-94 - Top to Bottom	AUHLFR



unit height labels

Front panel fixings

Description	Part Number
Pan head, posidrive,M6 screws/washers 50 sets	FPFP
Cheese head, slotted M6 screw/grey nylon washers 50 sets	FPFC

COOPER Industries Worldwide

Today, Cooper manufactures thousands of products through its seven electrical products divisions, which generate over 80 percent of annual revenues, and two tool divisions, which produce power tool and hand tool lines. Headquartered in Houston, Texas, Cooper has annual revenues of approximately $4.1 billion, employs over 28,000 people and operates more than 100 manufacturing facilities around the world.

Cooper is a leader in the global electrical products marketplace. They manufacture thousands of well-known products that are used around the world all day, every day.

Cooper's electrical products businesses offer one of the largest and most valued portfolios serving construction, industrial, residential, utilities, telecommunications and consumer markets.

Additionally, Cooper provides key products for power distribution markets and is a leader in the European lighting and security business. Cooper's hand tools are used by tradesmen the world over, and Cooper's power tools offer strength and reliability to automotive, aerospace and industrial manufacturers.

COOPER B-Line	Cooper B-Line manufactures support systems and enclosures used in the installation and retro-fitting of electrical, mechanical and telecommunications applications.
COOPER Crouse-Hinds	Cooper Crouse-Hinds makes electrical products designed to protect electrical systems in demanding commercial and industrial environments
COOPER Menvier	Cooper Menvier manufactures emergency and mains lighting, fixtures and lamps, fire detection systems, building security systems, and electrical installation materials.
COOPER Wiring Devices	Cooper Wiring Devices makes residential, commercial and industrial wiring devices, switches, plugs and receptacles to deliver and control electrical power.
COOPER Bussmann	Cooper Bussmann provides circuit protection and power management products designed to protect electrical and electronic systems.
COOPER Lighting	Cooper Lighting manufactures lighting fixtures and related products for indoor and outdoor use.
COOPER Power Systems	Cooper Power Systems offers equipment, components and systems for the distribution and management of electrical power.
COOPER Tools	Cooper Tools manufactures an extensive line of electric and pneumatic industrial power tools, automated assembly systems and premium hand tools.
COOPER Hand Tools	Cooper Hand Tools manufactures premium hand tools for use in do-it-yourself, commercial and industrial applications.

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