

Access Cabinet System

Overview & Specification



Access is the first cabinet designed to solve the problems of today's networking environment.

Access provides unique working and cabling accessibility to totally transform cabinet installation layouts, onsite installation time and on-going system management.

So what makes Access so different from conventional cabinets? The unique construction, open architecture without corner posts, enables the quick removal of all panels/doors to completely expose the open frame for installation of cables and/or equipment. Far neater, faster and user friendly cable installations are possible compared with conventional cabinets. The resultant installation is much easier to maintain with ready access to equipment and patch panels and the avoidance of messy, haphazard cabling arrangements.

The Access cabinet open frame structure provides virtually 360° total accessibility, prior to fitting panels and doors, which gives installers maximum working access and the opportunity to greatly improve installation times. The elimination of corner posts also removes the need to excessively inset 19" mounting angles, achieving maximum equipment and working space.



Thermal management – Standard and custom solution tailored to fit individual requirements including solutions to cope with common switch and server mounting and cooling requirements, even within common enclosures.

Cable management – Solutions to meet the demands of both fibre and copper cable installations including Cat6A+ requirements.

Safety – Control and monitoring solutions including access control, local and remote monitoring as well as fire suppression systems designed to limit the impact of equipment failure and consequential network losses.

Flexible – Not only is Access available in nearly 100 different foot print and unit height sizes but with its wide range of accessory products and the design philosophy Access can be tailored to meet most if not all data enclosure demands. Accessories also include;



Shelves and mounting supports.

Cable management solutions.

Power distribution units.

Plinths and mounting kits.

Thermal control and monitoring solutions.

Återförsäljare:

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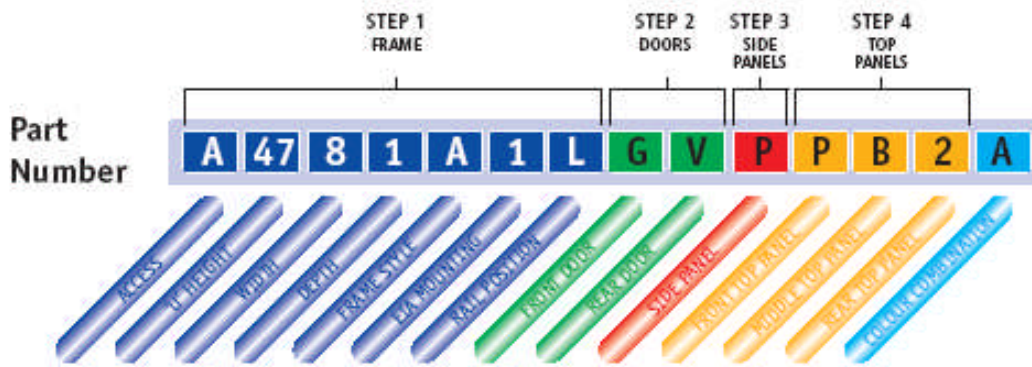
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Access Cabinet

Part Number Matrix



A	Access	
47	Usable 'U' Height	47, 42, 39, 32, 27, 22, 17*, 12*
8	Width in mm	6 = 600 8 = 800
1	Depth in mm	6 = 675 1 = 1000* 8 = 875 2 = 1200* 9 = 915*
A	Frame Configuration	A = With Universal Corner Base Plates + Jacking Feet H = With Universal Corner Base Plates + Corners + Jacking Feet C = Frame Without Universal Corner Base Plates P = With Standard Flush Kit G = With Universal Corner Base Plates + Corners L = With Stabilising Mesh X = Flat Pack (Basic 'C' Frame)
1	Mounting Rails and Width Setting	1 = 19"(x4) 2 = 23"(x4) 5 = Full Width 6 = 19"(x2) 7 = ETSI*(x4)
L	Rail Mounting Positions	L = Offset Left R = Offset Right C = Centre N = Not available
G	Front Door Options	G = Glass Left Hinge H = Glass Right Hinge A* = Acrylic Left Hinge B* = Acrylic Right Hinge S = Solid Steel Left Hinge T = Solid Steel Right Hinge V* = Vented Left Hinge W* = Vented Right Hinge L* = Double Glass Y* = Double Steel Z* = Double Vented Steel N = No Door
V	Rear Door Options	
P	Side Panel Options	P = Plain Both Sides E* = Vented Left Side Only N = No Panels Both Sides L = Plain Left Side Only F* = Vented Right Side Only R = Plain Right Side Only V* = Vented Both Sides
P	Front Top Panel	P = Plain V = Vented B = Brush Strip C = Brush Strip Infill (875 Deep) D = Brush Strip Infill (915 Deep) X = Plain Infill (915mm Deep) E = Vented Brush Strip Y = Plain Infill (875/1200mm Deep)
B	Middle Top Panel	
2	Rear Top Panel	4 = Fan Tray 2 Fans (230 volt AC) 5 = Fan Tray with TCM 1000 Control & Monitor Module + 2 Fans 6 = Fan Tray 3 Fans (230 volt AC) N = No Panel
A	Colour Options	A = Light Grey with Blue Trim G* = Light Grey with Mid Grey Trim

Items marked * are either held as limited stock or made to order. Please contact our customer services team for availability

Standard Access Cabinet Structure

Technical Specification

Designed for loads up to 1000kg when supported equally on the vertical panel mounts and using either the skid, castor or jacking foot options.

Framework

The Access range has a top and bottom tubular frame, which is clad with sheet steel fascias and connected by two vertical aluminium extrusions. (UK and World-wide Patents Pending)

Material

Tube Frames	25mm x 25mm x 2.5mm wall thickness corner welded steel tube.
Fascias	1.2mm Steel CR4 Zinc Coated
Centre Vertical Uprights	Aluminium extrusion. (Density 2.97 Kg per Metre)
Corner Trims	Nylon 66
Glass	4mm Toughened BS6206 1981- grey tint - exposed edges polished, bonded edges.

Panels

Material

Side Panels	1.2mm Steel CR4
Rear Door	1.5mm Steel CR4
Front Door Styles	1.5mm Steel CR4
Top Panels	1.2mm Steel CR4
Hinge Mouldings	Nylon 66

19"/ETSI Panel Mounts and 800/600 reducers.

Conforming to IEC 297 or ETSI 300-119 Part 3 standards with mounting facilities for universal front fixing and Cooper B-Line side mounting accessories.

Material

Cross 800/600 reduction rails	2.0mm Steel CR4
Vertical panel mounts 19"	2.0mm Steel CR4
Vertical panel mounts ETSI	2.0mm Steel CR4

Castor Plate/Plinth Plate

Corner Plates	3.0mm Steel CR4
Kick Plate Trim	1.2mm Steel CR4
Castor	250 Kg per castor rated loading
Jacking Foot	2,000 Kg static load
Skid	Nylon 6

Fixing Screws

Main fixings M6 Socket set screws	-	Tensile Strength 10.9
All other fixings M6 screws	-	Tensile Strength 8.8

IP Rating IEC529

IP20

Earthing / Earthing Kit

Compliant to EN60950 Clause 2.5.11

Specification

**The resistance of the connection between earthing terminal or earthing contact and parts required to be earthed shall not exceed 0.1 ohms.
The test current shall be 1.5 times the current capacity of any hazardous voltage circuit at the point where failure of basic insulation would make the earth point live. The test voltage shall not exceed 12V and the test current may not be more than 25A.**

Locking System

Each door has a central, pull out and 90° turn locking handle with two point espan locking. Doors are hinged LH as standard but can be supplied or converted to RH hinged

Material

Handle and espan guides - Nylon 66, Locking rods 8mm MS Bar

Accessories

Specific to Access – Top fan trays, Plinth/Castor/Jacking foot kits, Cable mounting accessories.

Universal - All depth fitting accessories using the Cooper B-Line panel mount side fixings are compatible with the Access rack. All front mounting accessories using the front 19” mountings are compatible.

Finish

Corner Mouldings, Door Hinge Mouldings Door Lock assembly.

NCS 4550-R90B Blue (VDI 22 texture)

Vertical Extrusions.

*NCS 4550-R90B Blue
Structured Epoxy Polyester Powder DFT 50 Microns*

Top Frames, Top Panels, Side Panels and Doors.

*NCS 1502 Y Light Grey
Structured Epoxy Polyester Powder DFT 50 Microns*

Panel Mounts,800/600 reducers/Top Panel fixing channels/lock rods and fixings.

Zinc and Tivalent Passivate BS EN 12329:2000

Cabinet Overall Dimensions

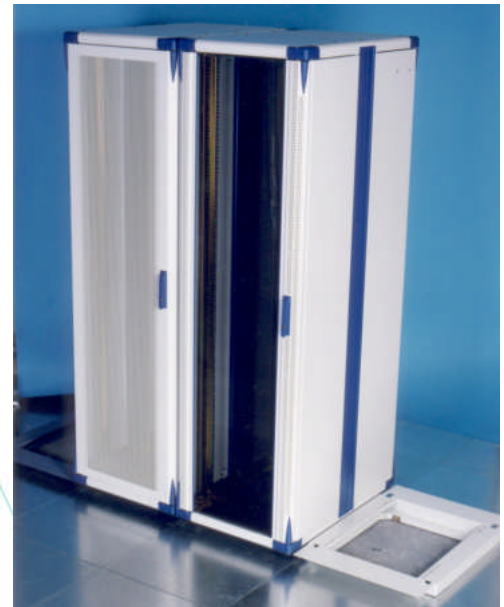
Unit Height	Basic Height	Height with Skid	Height with Adapter plate & Castors	Height with Plinth & Castors	Widths	Depths
22U	1112mm	1122mm	1196mm	1212mm	600mm & 800mm	675mm, 875mm, 915mm, 1000mm, 1200mm
27U	1334mm	1344mm	1418mm	1434mm		
32U	1557mm	1567mm	1641mm	1657mm		
39U	1867mm	1877mm	1951mm	1967mm		
42U	2000mm	2010mm	2094mm	2100mm		
47U	2223mm	2233mm	2307mm	2323mm		

Note : When an adapter plate is fitted with a jacking foot the overall height equals the basic height plus 22mm to 62mm

R.o.H.S. Compliance

The rack and cabinet products supplied by Cooper B-Line are exempt from the requirements of this directive due to the simple fact that they do not require electricity to function. However, we have taken steps to ensure all our standard catalogue products are compliant to this directive and do not contain excessive levels of the restricted chemicals. The use of lead free paint and trivalent plating finishes has been an example of the solutions we have introduced throughout our range to achieve this.

Taking this action will provide our customers with the necessary assurance they require to meet this directive.



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