

# Infrastructure Field Cabinets

FC

Steel | Powder Coated

SINGLE DOOR | IP66



Plinth-mounted field cabinets house sensitive data network and electrical equipment for heavy duty outdoor applications including road/traffic management and intelligent transport systems.

## Features & Specifications

Infrastructure field cabinets are designed to house sensitive data network and electrical equipment for a variety of outdoor applications.

**Protection:** IP66 (Non-Ventilated range); IP55 (Ventilated Range)

**Standard:** IEC62208, IEC/EN/AS60529, EIA-310-D, RoHS

**Material:**

- Body and Plinth: 2.0mm galvanised steel sheet
- Doors: 2.0mm galvanised steel sheet
- 19" Data Rack Rails: 1.5mm galvanised steel sheet
- Gland Plate: 3.0mm aluminium
- Enclosure Seal: Polyurethane

**Body:** The robust monoblock body is fabricated using 2.0mm galvanised steel. The body is fitted with rain hood/sunshield, plinth, vent hoods and 4 x lifting eye bolts. Flat face sealing surfaces are provided to increase seal life. A split gland plate is incorporated into the base. Four cutouts 125mm x 125mm are provided to house fans and filters and each are covered with removable vent hoods.

**Doors:** The front and rear doors are fabricated using 2.0mm galvanised steel sheet and are designed to provide flush recessed mounting to prevent vandalism and unauthorised access. The doors incorporate concealed removable hinges with captive pins. They are provided with heavy duty door stays.

**19" Data Rack Rails:** Front and rear 19" data rack rails are fabricated from 1.5mm galvanised steel sheet.

**Door Seals:** Polyurethane foamed in place (FIP) full perimeter door seals provide excellent sealing over a long life. Temperature resistance: -40°C to 80°C.

**Locks:** Each door includes a 3 point locking system with key-lock swing handle.

**Gland Plate:** 3mm aluminium split gland plates are incorporated into the base.

**Surface Treatment:** UL approved epoxy polyester powder coated with a smooth finish. 80-120 micron average thickness. Colour T33 Smoke Blue.



Ventilated	Non-Ventilated	Description
Part Number/SKU	Part Number/SKU	U/RU H x W x D
IP-1077562-T33	IP-1077562-0-T33	18RU 1075H x 750W x 620D
IP-1077580-T33	IP-1077580-0-T33	18RU 1075H x 750W x 800D
IP-1377562-T33	IP-1377562-0-T33	24RU 1375H x 750W x 620D
IP-1377580-T33	IP-1377580-0-T33	24RU 1375H x 750W x 800D
IP-1677562-T33	IP-1677562-0-T33	30RU 1675H x 750W x 620D
IP-1677580-T33	IP-1677580-0-T33	30RU 1675H x 750W x 800D
IP-1977562-T33	IP-1977562-0-T33	36RU 1975H x 750W x 620D
IP-1977580-T33	IP-1977580-0-T33	36RU 1975H x 750W x 800D
IP-2009062-T33	IP-2009062-0-T33	37RU 2000H x 900W x 620D (with Side Door)
IP-20018062-T33	IP-20018062-0-T33	37RU 2000H x 1800W x 620D (Double Bay, 2 Side Doors)
IP-2277562-T33	IP-2277562-0-T33	42RU 2275H x 750W x 620D
IP-2277580-T33	IP-2277580-0-T33	42RU 2275H x 750W x 800D

# Infrastructure Field Cabinet - Accessories FC



IP Enclosures provide a range of standard accessories for infrastructure field cabinets including fixed shelves and sliding shelves.

## Features & Specifications

### Fixed Shelf Kits

Fixed shelf kits have many uses and can be used for component storage and battery storage. Shelves are ventilated. They are provided with fasteners and can be easily fitted without drilling.

**Material:** Galvanised steel sheet.

**Surface Treatment:** UL approved epoxy polyester powder coated with a textured finish. 80-120 micron average thickness. Colour RAL7035.



Part Number/SKU	Description
IP-FCSHL7562	Light Duty Shelf to suit 750W x 620D Field Cabinet
IP-FCSHH7562	Heavy Duty Shelf to suit 750W x 620D (250kg max. load)
IP-FCSHH7580	Heavy Duty Shelf to suit 750W x 800D (250kg max. load)

### Sliding Shelf Kits (Laptop Drawers)

Sliding shelf kits (Laptop drawer kits) are provided assembled complete with 4 screws for fast and easy fitting without drilling.

**Material:** Galvanised steel sheet.

**Surface Treatment:** UL approved epoxy polyester powder coated with a textured finish. 80-120 micron average thickness. Colour RAL7035.



Part Number/SKU	Description
IP-FCDRAWER	Laptop Drawer to suit 750W x 620D Field Cabinet

### General Accessories

Device mounting plates, document storage pockets and cage nuts:

Part Number/SKU	Description
IP-12RUDP	12RU Rack Mounted Device Mounting Plate
IP-18RUDP	18RU Rack Mounted Device Mounting Plate
IP-13762-DP	Device Plate for 1375H x 620D Field Cabinet (Side Mount)
IP-16762-DP	Device Plate for 1675H x 620D Field Cabinet (Side Mount)
IP-19762-DP	Device Plate for 1975H x 620D Field Cabinet (Side Mount)
IP-FCPPA3-T33	A4 Document Storage Pocket
IP-M6SCREW-CAGENUT	M6 Cage Nut & Screw (Pack of 50)

