

Infrastructure Field Cabinets

Marine Grade Aluminium | Powder Coated

FCA

IP66 IK10 (NON-VENTILATED) | IP55 IK10 (VENTILATED)



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



Features & Specifications



Marine grade aluminium infrastructure field cabinets are designed to house sensitive data network and electrical equipment for a variety of outdoor applications.

Protection: IP66 IK10 (Non-ventilated); IP55 IK10 (Ventilated)

Standards (& Conformities):

IEC/EN 60529, IEC/EN 62208, EIA-310-D, RoHS, CE, UKCA



Material:

- Body and Plinth: 2.5mm Marine Grade Aluminium 5754-H111
- Doors: 2.5mm Marine Grade Aluminium 5754-H111
- 19" Data Rack Rails: 1.5mm galvanised steel sheet
- Gland Plate: 5.0mm Aluminium
- Enclosure Seal: Polyurethane

Body: The robust monoblock body is fabricated using 2.5mm marine grade aluminium. The body is fitted with rain hood/sunshield, plinth, vent hoods and 4xlifting eye bolts. Flat face sealing surfaces are provided to increase seal life. A 5.0 mm aluminium split gland plate is also incorporated into the bottom face. Four cutouts 125mmx125mm are provided to house fans and filters and each are covered with removable vent hoods. Precision automated manufacturing equipment ensures accuracy and consistent high quality. (Fans and filters and ordered separately).

Doors: The front and rear doors are fabricated using 2.5mm marine grade aluminium 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.
NOTE: Double Wall option available. Refer to table below.

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

Door Seals: A high quality machine-applied full perimeter UL listed Polyurethane seal foamed in place (FIP) provides excellent sealing over a long life. Temperature resistance -40°C to 80°C (160°C short term loading).

Locks: Each door includes a 3 point locking system with key-lock swing handle. Optional locking including half euro keyed as required, restricted keys, Bilock etc. (IP-453522-T33 & IP-453522-0-T33 Single point lock with swing handle)

Gland Plate: 5mm aluminium split gland plates are incorporated into the base.

Surface Treatment: UL approved AkzoNobel polyester powder coated with a smooth gloss finish, 80-120 micron average thickness, providing excellent exterior durability and colour retention.



SINGLE BAY

Ventilated		Weight	Non-Ventilated		Weight	Description
Part Number/SKU	Part Number/SKU	Kg	Part Number/SKU	Part Number/SKU	Kg	U/RU H x W x D
IP-A1077562-T33	IP-A1077562-WGN	60	IP-A1077562-0-T33	IP-A1077562-0-WGN	56	18RU 1075H x 750W x 620D
IP-A1077580-T33	IP-A1077580-WGN	69	IP-A1077580-0-T33	IP-A1077580-0-WGN	64	18RU 1075H x 750W x 800D
IP-A1377562-T33	IP-A1377562-WGN	69	IP-A1377562-0-T33	IP-A1377562-0-WGN	64	24RU 1375H x 750W x 620D
IP-A1377580-T33	IP-A1377580-WGN	77	IP-A1377580-0-T33	IP-A1377580-0-WGN	73	24RU 1375H x 750W x 800D
IP-A13775100-T33	IP-A13775100-WGN	88	IP-A13775100-0-T33	IP-A13775100-0-WGN	84	24RU 1375H x 750W x 1000D
IP-A1677562-T33	IP-A1677562-WGN	67	IP-A1677562-0-T33	IP-A1677562-0-WGN	62	30RU 1675H x 750W x 620D
IP-A1677580-T33	IP-A1677580-WGN	77	IP-A1677580-0-T33	IP-A1677580-0-WGN	73	30RU 1675H x 750W x 800D
IP-A16775100-T33	IP-A16775100-WGN	88	IP-A16775100-0-T33	IP-A16775100-0-WGN	84	30RU 1675H x 750W x 800D
IP-A1977562-T33	IP-A1977562-WGN	86	IP-A1977562-0-T33	IP-A1977562-0-WGN	82	36RU 1975H x 750W x 620D
IP-A1977580-T33	IP-A1977580-WGN	97	IP-A1977580-0-T33	IP-A1977580-0-WGN	93	36RU 1975H x 750W x 800D
IP-A19775100-T33	IP-A19775100-WGN	109	IP-A19775100-0-T33	IP-A19775100-0-WGN	104	36RU 1975H x 750W x 1000D
IP-A2277562-T33	IP-A2277562-WGN	94	IP-A2277562-0-T33	IP-A2277562-0-WGN	90	42RU 2275H x 750W x 620D
IP-A2277580-T33	IP-A2277580-WGN	137	IP-A2277580-0-T33	IP-A2277580-0-WGN	102	42RU 2275H x 750W x 800D

DOUBLE BAY

Ventilated	Non-Ventilated	Description
Part Number/SKU	Part Number/SKU	U/RU H x W x D
IP-A10715062-T33	IP-A10715062-0-T33	2 x 18RU (36RU) Field Cabinet 1075H x 1500W x 620D
IP-A10715080-T33	IP-A10715080-0-T33	2 x 18RU (36RU) Field Cabinet 1075H x 1500W x 800D
IP-A13715062-T33	IP-A13715062-0-T33	2 x 24RU (48RU) Field Cabinet 1375H x 1500W x 620D
IP-A13715080-T33	IP-A13715080-0-T33	2 x 24RU (48RU) Field Cabinet 1375H x 1500W x 800D
IP-A16715062-T33	IP-A16715062-0-T33	2 x 30RU (60RU) Field Cabinet 1675H x 1500W x 620D
IP-A16715080-T33	IP-A16715080-0-T33	2 x 30RU (60RU) Field Cabinet 1675H x 1500W x 800D