

## **DME PROLINK IP55 Outdoor FM Cabinet 42U(H) 800mm(W) x 1000mm(D) with Integrated Heat Exchanger**



**Floor Mount Type with Plinth**



### **Description**

DME PROLINK's IP Rated Outdoor FM Cabinet offer protection against the unauthorized access, physical impacts (vandalism), Water/Dust ingress in according to EN60529 standard, as well as industrial environmental challenges including high temperatures. Cabinets are available with integrated thermal management using either a fan and filter combination or air conditioner to control internal temperatures for protecting sensitive 19" rack equipment from water and harmful environmental contaminants and heat. RAL7035 light gray powder coated provides high corrosion resistance.

IP Rated Outdoor FM Cabinet are employed in the most various environments e.g. Factories, warehouses, industrial areas, railways, Highway, military industry etc. Fully gasket type door, front door combined with 3 point locking mechanism for superior security, also rubber plug type cable grommets are available on the base plate, vertical mounting rails are adjustable throughout the entire depth of the enclosure. This cabinet usually comes with accessories like Lights, Lightning Protection, Plinth, Grounding Bus Bar etc.

**Our Enclosure range has been manufactured with respect to International Quality Standards ISO9001-2018**

**Note:** Assembled Packing (Carton Box on Wooden Pallet)  
**Options:** Galvanized Sheet, 201 Stainless Steel, 304 Stainless Steel

### **Features & Benefits**

- Dimensions: 42U(H) x 800mm (W) x 1000mm(D)
- Protection Grade: IP55
- Metal Sheet: Galvanized Sheet
- Integrated Head Exchanger - Type: 48V DC 120W/k
- RAL: 7035 Powder Coated
- Aesthetic design
- Comes with Universal Standard Key & Lock
- 19" Mounting Rails
- One Year Limited Product Warranty
- Other Cooling Method Options: with Fan or Air Condition

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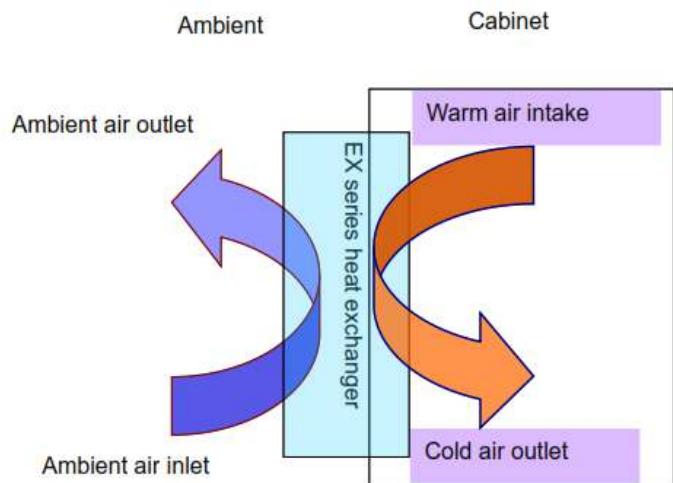


### Construction

- Double Layer Insulation Structure: Outer plate is 1.5mm thick Galvanized Sheet and inner plate is 1.0mm thick Galvanized Sheet.
- Double-layer insulation structure with insulation material 20mm EPS
- 19" mounting rails with 2.0mm thickness made of Galvanized sheet
- Mounting method: Floor mount (Plinth with 100mm) Plinth Sheet: Galvanized Sheet (Thickness 2.0mm)
- Doors: Front door and Rear door. Both equipped with anti-theft door lock.
- Accessories: 4 Nos. of Standard 42U 19" mounting rails (with 1-42U mark), 1 No. of Access control, 1 No. of AC 220 LED Light, 1 No. of Grounding bar, Removable bottom cover, 1 No. of Lightning protection grounding rod, Integrated DC120W Heat Exchanger

### Heat Exchanger

EX series heat exchanger is designed for outdoor telecommunication cabinet or control cabinet. It has high reliability can be easily mounted. The heat exchanger can work after plug in. And the output can be automatically adjusted when internal heat load changes, any fault can be read remotely through RS485 interface from monitoring system. EX series heat exchanger works as shown in the figure, the unit's internal loop sucks hot air from upper opening and the heat is dissipated to external air in the heat exchanger core. The external loop sucks cold air from lower end and discharge the hot air from the upper opening.



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### Applied Standards

Standard	Standard Description
IEC61000-4	Electromagnetic Compatibility
IEC335-1	Safety requirement
IEC68-2	Environment condition-storage
IEC68-2	Environment condition-transportation
IEC68-2	Environment condition-use
CE	Third Party certification

### Part Number

**D37X-IP554280100GCG** IP55 Outdoor Floor Mount (FM) Cabinet, 42U, 2150mm (H), 800mm (W), 1000mm (D), with Universal Lock, Grey (RAL 7035) including 100mm High Plinth, Double Layer Insulation, Galvanized Steel with Accessories (1x DC120W/k Heat Exchange, 4 x 19" 42U Mounting Rails, 1No. Of LED Light, 1No. of Lightning protection, 1 x Grounding Bus Bar, 1 Set of Related Accessories)