

FDB-24N3

24 Cores Fiber Distribution Box

Application

- Designed for FTTx networks, serving as a termination point for connecting drop cables to feeder cables for up to 24 users.
- IP55-rated enclosure supports reliable indoor and outdoor installations with wall or pole mounting options.



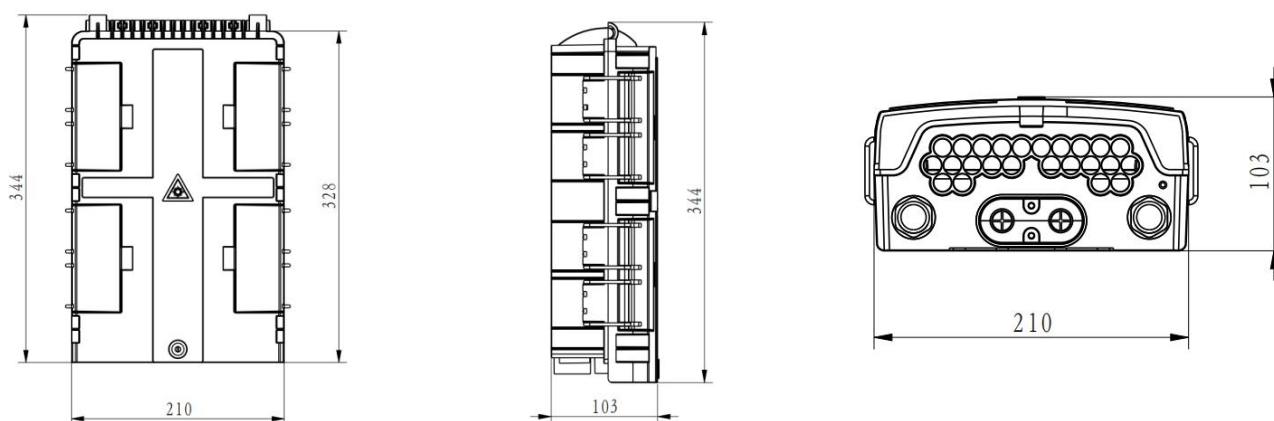
Features & Benefits

- Constructed from high-quality PC+ABS or ABS for superior strength and durability.
- Supports up to 24 fiber cores with a double-page design for easy installation and maintenance.
- Accommodates up to 4x1:8 tube splitters for efficient signal distribution.
- Features a special-shaped lock for secure and easy access with enhanced waterproof performance.
- Independent rubber sealing plug for drop cables ensures reliable water resistance.
- Fusion and termination areas are fully separated for streamlined operations.
- Compact yet spacious design optimizes fiber splicing, splitting, and storage.

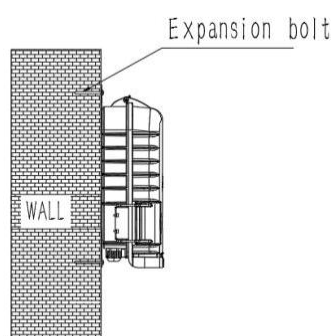
Specifications

| Part No. | FDB-24N3 |
|--------------------|---------------------------------|
| Dimensions | 344×210×103 mm |
| Enclosure Material | PC+ABS |
| Cable Entry Ports | 2 Mid-span ports × Ø14mm |
| Branches | 2 × PG16 |
| Cable Exit Ports | 24 Drop ports × Ø2-5mm |
| Patching Capacity | 24 SC Adapters |
| Splicing Capacity | 48/96 Fibers (Single-core) |
| Splice Tray | 4 Trays |
| Suitable Splitter | 1×8 or 1×16 Micro PLC Splitters |
| Material of Tray | ABS |
| IP Rating | IP65 |
| Mounting | Wall / Pole Mount |

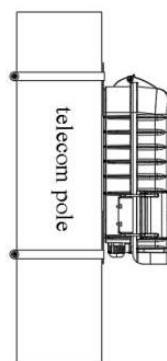
Dimension Diagram (mm)



Wall-mounted & Pole-mounted












Wall Mount



Pole Mount

Accessories

| Picture | Name | Size | Quantity |
|---|--|---------------|----------------|
|  | Wall-mounting Kit (for Wall mount Only) | / | 4 Pairs |
|  | Pole-mounting Kit (for Pole mount Only) | Clamp: Ø216mm | 2 PCS |
|  | Metal Plate | / | 2 PCS |
|  | Nylon Cable Tie | 3×100mm | 10 PCS |
|  | Splice Sleeve | 1.2/45mm | 12-24 PCS/Tray |
|  | Hose Clamp | / | 4 PCS |
|  | PG Gland | PG16 | 2 PCS |
|  | Key | / | 1 PC |
|  | Installation Menu | / | 1 PC |

Packing List

| Part No. | Carton Size | PCS/CTN | G.W. |
|--|-------------|---------|-------|
| FDB-24N3 with wall -mounting kit | 45×37×52CM | 10 | 21 KG |
| FDB-24N3 with pole -mounting kit | 57×37×47 CM | 8 | 17 KG |