

## F225

# 16 Core Fiber Optic Distribution Box

· Outdoor Fiber Optic Distribution Box ·



## 1. Product Overview

This box is used as a termination point for the feeder cable to connect with drop cable in FTTX communication network system. It integrates fiber splicing, splitting, distribution, storage and cable connection in one unit. Meanwhile, it provides solid protection and management for the FTTX network building.

## 2. Technical Specifications

| Parameter           | Specification                     |
|---------------------|-----------------------------------|
| Model               | F225                              |
| Material            | PP                                |
| Dimensions (A×B×C)  | 290 × 185 × 120 mm                |
| Weight              | 1.65 kg                           |
| Max Splice Capacity | 16 Fibers (1 tray, 16 fiber/tray) |
| SC Adapter (max)    | 16 pcs                            |
| PLC Splitter        | 2 pcs of 1×8 / 1 pcs of 1×16      |
| Ports               | 3 in 16 out                       |
| Protection Level    | IP65                              |

## 3. Packing Information

PCS/Carton: 8 | G.W.: 13.5 kg | N.W.: 12.5 kg | Carton Size: 67 × 31 × 41 cm | CBM: 0.085 m<sup>3</sup>

## 4. Key Features

### Total Enclosed Structure

Fully sealed design protects internal fibers from environmental factors.

### Durable PP Material

PP material, wet-proof, water-proof, dust-proof, anti-aging, protection level up to IP65.

### All-in-One Function

Feeder/drop cable clamping, fiber splicing, fixation, storage and distribution in one unit

### Independent Cable Routing

Cables, pigtails and patch cords run through independent paths without interference, cassette type SC adaptor.

### Flip-Up Distribution Panel

Feeder cable placed in a cup-joint way, easy for maintenance and installation.

Versatile Mounting

Wall-mounted or pole-mounted installation, suitable for both indoor and outdoor use.

5. Standard Accessories

| Accessory                       | Quantity         |
|---------------------------------|------------------|
| Screw (4mm×40mm)                | 2 pcs            |
| Expansion Bolt (M6)             | 2 pcs            |
| Cable Tie (3mm×10mm)            | 6 pcs            |
| Heat-Shrink Sleeve (1.0mm×60mm) | 16 pcs           |
| Hook                            | 2 pcs            |
| Hoop Ring                       | 6 pcs            |
| TPR Black Block                 | 2 pcs (Optional) |
| Fiber Protective Tube           | 1 pcs            |
| Insulating Tape                 | 1 pcs            |

6. Product Gallery



Product Image



Interior View



Cross Section



Detailed View

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F225  
96 Core Fiber Optic  
Distribution Box

· Outdoor Fiber Optic Distribution Box ·



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This box is used as a termination point for the feeder cable to connect with drop cable in FTTX communication network system. It integrates fiber splicing, splitting, distribution, storage and cable connection in one unit. Meanwhile, it provides solid protection and management for the FTTX network building.

2. Technical Specifications

| Parameter           | Specification                     |
|---------------------|-----------------------------------|
| Model               | F225                              |
| Material            | PP                                |
| Dimensions (A×B×C)  | 290 × 185 × 120 mm                |
| Weight              | 1.65 kg                           |
| Max Splice Capacity | 96 Fibers (1 tray, 24 fiber/tray) |
| SC Adapter          | —                                 |
| PLC Splitter        | —                                 |
| Ports               | 3 in 16 out                       |
| Protection Level    | IP65                              |

3. Packing Information

PCS/Carton: 8 | G.W.: 13.5 kg | N.W.: 12.5 kg | Carton Size: 67 × 31 × 41 cm | CBM: 0.085 m³

4. Key Features

Total Enclosed Structure

Fully sealed design protects internal fibers from environmental factors.

Durable PP Material

PP material, wet-proof, water-proof, dust-proof, anti-aging, protection level up to IP65.

High Capacity Splicing

96 Fibers splice capacity in compact 290×185×120mm box.

Independent Cable Routing

Cables, pigtails and patch cords run through independent paths without interference.

Flip-Up Distribution Panel

Feeder cable placed in a cup-joint way, easy for maintenance and installation.

Versatile Mounting

Wall-mounted or pole-mounted installation, suitable for both indoor and outdoor use.

5. Standard Accessories

| Accessory                       | Quantity         |
|---------------------------------|------------------|
| Screw (4mm×40mm)                | 2 pcs            |
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| Hook                            | 2 pcs            |
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