

**Description:**

PRO-F2E-601A Fiber Optic Distribution Box design to protect joints of optical cable can hold up to 16 subscribers. It is used as a termination point for the feeder cable to connect with the drop cable in the FTTx communication network system.

It integrates fiber splicing, splitting, distribution, storage, and cable connection in one solid protection box, and meanwhile, it provides solid protection and management for the FTTx network building. The FTTH Distribution Box is widely used as a termination point for the feeder cable to connect with the drop cable.

Feature:

Fully enclosed structure.

Material: PC+ABS alloy, with anti-UV, and corrosion-resistant material.

Waterproof, dustproof, anti-aging design, IP-65 protection level for outdoors.

Integrated with 2x splice trays, splice tray can be flipped up, and maximum 24F splice capacity.

Fiber bend radius control more than 30mm.

Support Cut & Uncut optical fiber.

Fully mechanical sealing. Easy installation and re-entry. No other sealing adhesive tape is needed.

Base and cover sealed with clamp and O-ring system. Cable entry ports sealed with rubber.

The splice trays are hinged to access any splice tray, without disturbing other trays.

The inner parts and fixing parts are made of 304 stainless steel.

With an earthing device protect it from damage by lightning.

1x8 PLC splitter can be installed in each splice tray as optional.

Cable, pigtailed, and patch cords run through their own paths without disturbing each other, Easy to maintain and expansion.

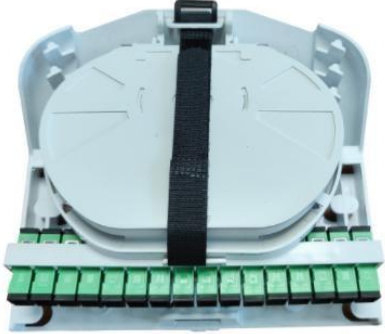


1 mid-span cable entrance($\Phi 8\sim 14$ mm)for uncut cable and 2 branch ports for distribution cable($\Phi 10\sim 16$ mm),16 pcs of 2.0*3.0mm or 2.0*5.0mm FTTH Drop Cable.

RoHS compliance.

Technical Specification:

Material	PC+ABS	Dimension (W*H*D)	290mmx210mmx82mm	Max Splicing (Core)	24
IP Rate	IP65	Weight	1.3kg	Waterproof Adapter	16 pcs of SC
Insertion loss	≤ 0.15 dB	UPC return loss	≥ 50 dB	APC return loss	≥ 60 dB
Working temperature	$-40^{\circ}\text{C}\sim +85^{\circ}\text{C}$	Relative humidity	$\leq 85\%$ ($+30^{\circ}\text{C}$)	Atmospheric pressure	70KPa~106 KPa
Max. diameter of cable(mm)	1 uncut of port can support $\Phi 8\sim 14$ mm; 2 branch ports for distribution cable $\Phi 10\sim 16$ mm;				

Splice Tray:

Item	Splicing tray A	Splicing tray B	Splicing tray C
Dimensions(H x W x D)	190mmx80mmx160mm	150mmx45mmx170mm	160mmx70mmx170mm
Net weight (unit: kg)	280g	180g	180g
Picture			
Color	White or Grey or Customizable	White or Grey or Customizable	White or Grey or Customizable
Material	New ABS	New ABS	New ABS
Splicing capacity of a tray(cores)	12F, 2 slots for 1x8 PLC	12F, 2 slots for 1x8 PLC	2 pcs for 1x8 LGX Splitter

Installation:

1. Wall-mounted installation.

Drill 3 holes into the wall based on the size in table 1, place the expansion bolt $\Phi 7.5*40$, place the box to match up the holes and use bolt to fasten.

2. Pole-mounted installation

Fix 1 set of the pole ring to the telecom pole.

Standard Accessories:

Base, Cover, Splice Tray, Tray Holder, Cable ties, Heat shrink protective sleeve, Buffer tube, Key, Cable Tube, Expansion Bolt, Grounding Wire, Rubber seal for cable entrance, Installation bolts and nuts.

Applications:

Wall mounted installation; Pole mounted installation;

Configuration:

Model No.	Spliced fiber storage capacity	Size(mm) Height * diameter	Cable ports	Max. diameter of cable(mm)	Applicable Cable Diameter	PLC Splitter
RGP-F2E-601A	2 Splice Trays 2pcs x 12 Splices	290mmx210mm x82mm	1 uncut of port + 2 branch ports +16 pcs of FTTH Drop Cable.	Inlet & Outlet of port can support the maximum diameter Φ 16 mm	16 Port 2.0*3.0mm or 2.0*5.0mm FTTH Drop Cable	2 pcs of 1*8 PLC Splitter