

ETL 24P FDP C/W SPLITTER SC 1:8 BLACK

Description

- Fiber Distribution Point or FDP is a versatile outdoor/indoor terminal box designed for the termination, splicing, and distribution of optical fibers. This unit is specifically engineered to house a 1:32 PLC splitter or act as a high-density 24-core terminal box. Its rugged, compact design is ideal for FTTH (Fiber to the Home) and FTTR (Fiber to the Room) deployments, providing a secure interface between feeder cables and drop cables.



Features

- Dual-Functional Design:** Can be configured as a Splitter Box (with 1×8 or 1×32 PLC splitters) or a 24-Core Terminal Box for direct splicing.
- Integrated Splicing Tray:** Includes a flip-style internal tray that separates splicing (bottom) from patching/splitting (top) for organized cable management.
- Weather-Proof Protection:** Rated for outdoor environments with a high-impact, UV-resistant enclosure and secure locking mechanism to prevent unauthorized access.
- Bend Radius Protection:** Built-in routing mandrels ensure all fibers maintain a minimum bend radius, preventing signal attenuation.
- Multiple Entry Ports:** Features specialized cable glands and rubber grommets for both feeder cable entry and multiple drop cable exits.

Specification

Parameter	Specification
Max Capacity	Up to 24 Cores (Splicing) / 32 Ports (Splitting)
Splitter Compatibility	1×8, 1×16, or 1×32 PLC Splitter (Micro/Mini type)
Mounting Type	Wall-mounted or Pole-mounted
Material	PC + ABS (High-impact plastic)
Dimension (Appx)	240mm (W) x 330mm (H) x 100mm (D)
Protection Rating	IP65 / IP66 (Waterproof & Dustproof)
Color	Industrial Black / Light Grey
Environmental	Weather-proof & Corrosion-resistant