Pre-connectorized optical distribution box (ODN)

GP31-2P12PC

Overview

The Pre-connectorized ODN (Optical Distribution Network) solution simplifies and accelerates network deployment through the use of factory pre-manufactured distribution cables, drop cables, and Fiber Access Terminals (FATs) with quick connectors. Enclosures come in ABS, ABS+PC, and PP+GF for varying strength and resistance needs, with sealing options of screws or ultrasonic sealing for reliable environmental protection. This plug-and-play setup allows technicians to complete network connections efficiently by inserting and locking cables on-site, greatly improving deployment efficiency and reducing installation time.

Features

- **Plug-and-Play:** Quick installation with pre-connectorized components, minimizing errors.
- **3 Material Options:** ABS，ABS+PC，PP+GF.
- **2 Sealing Methods:** screw / ultrasonic sealing (best IP protection, not reopenable).
- **Waterproof Connectors:** Reliable outdoor connections with mini SC connectors.
- **Scalable Design:** FATs support up to 12 pre-connectorized adapters.

Product Parameter

Item	Pre connectorized optical distribution box(ODN)
Color	Black
IP Grade	IP68
Material options	ABS，ABS+PC，PP+GF
Dimension (W*H*D)	200*180*79mm
Capacity	12 cores
Splitters	Compatible with both 1:4 and 1:8 tube splitters
Flame retardant performance	Non-flame retardant

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Product Details

Package Information

Inner box with single corrugated size	205*185*90mm
Carton with double corrugated size	425*385*475mm (20PCS/Box)