

# Pre-connectorized optical distribution box (ODN)

GP31-2P18PC

## Overview

The Pre-connectorized ODN (Optical Distribution Network) solution accelerates network deployment with factory-made distribution cables, drop cables, and 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 for quick on-site cable insertion, enhancing 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).
- **High Capacity:** Supports up to 18 Mini SC adapters.
- **Splitter Options:** Fits 1/16 or two 1/8 miniature splitters.
- **Curvature Control:** Maintains fiber radius above 30mm.
- **Versatile Mounting:** Wall and pole installation compatible.
- **IP68 Rated:** Dust and water-resistant for outdoor use.



## 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*108mm
Weight	1100g
Installation	Wall mounted/ Pole mounted
Connector attenuation	≤0.3dB
Return loss	APC≥60dB, UPC≥50dB, PC4≥0dB
Capacity	18 cores
Work temperature	-40℃~+60℃
Storage temperature	-25℃~+55℃
Relative humidity	≤95%(+30℃)
Pressure	62~101kPa
Main mechanical performance	Durability life of connector insertion and removal > 1000 times
Standards	YD/T 2150-2010



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## Product Details



## Package Information

Inner box with single corrugated size	210*210*120mm
Carton with double corrugated size	440*440*505mm (16PCS/Box)



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