OPGW Enclosure

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Variants

48 core 24 Core

Details

The **OPGW Enclosure Box** is a high-strength optical fiber splice closure specifically designed for **Optical Ground Wire (OPGW)** networks. It provides secure splicing, storage, and protection of optical fibers installed on transmission towers, utility poles, and overhead power transmission lines.

Manufactured from durable **aluminium alloy**, the enclosure offers excellent resistance to corrosion, UV exposure, moisture, dust, and harsh environmental conditions. It supports both direct and branch fiber cable connections and is suitable for power utility, telecom, ISP, and backbone fiber networks.

Fiber Capacity

144 Cores

Cable Capacity

6 Cables

Material

Aluminium Alloy

Application

OPGW Network

Key Features

? Supports Direct & Branch Fiber Cable Connections

? Accommodates Up to 144 Fiber Cores

? Corrosion & UV Resistant Aluminium Alloy Housing

? Excellent Moisture & Dust Protection

? Suitable for Transmission Towers & Utility Poles

? Easy Inspection, Maintenance & Expansion

Technical Specifications

Parameter	Specification
Product Name	OPGW Enclosure Box
Type	GJS-02-24-G / GJS-04-96-T / Other Models
Fiber Capacity	Up to 144 Fiber Cores

Parameter	Specification
Cable Capacity	Maximum 6 Optical Cables
Material	Aluminium Alloy
Color	Silver
Length	500 mm
Installation Type	Pole Mount / Tower Mount
Application	Electric Power Transmission Lines, Telecom Networks, OPGW Infrastructure

Performance Features

Feature	Description
Protection	Protects fiber joints from moisture, dust, vibration, and mechanical damage
Sealing	Reliable sealing system prevents water ingress
Compatibility	Supports various OPGW cable sizes and configurations
Durability	UV-resistant, corrosion-resistant, and high mechanical strength
Maintenance	Easy access for inspection, repair, and fiber management
Expansion	Modular design supports future network upgrades

Applications

OPGW Fiber Splicing Networks

Power Transmission Line Communication Systems

Electric Utility Fiber Networks

Telecom Backbone Infrastructure

Substation Communication Networks

Tower & Pole Mounted Fiber Installations

Note:
The OPGW Enclosure Box is specifically designed for overhead optical ground wire networks and provides long-term protection for critical fiber optic splice points in power utility and telecom environments.

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