

288 Fiber Optic Cable Junction Box Dimensions

Article Overview

A 288-core fiber optic junction box typically accommodates up to 12 splice trays (24 fibers per tray), features multiple round and oval cable ports, and is designed for IP68-rated outdoor use.

Capacity and Splice Trays

The junction box can hold up to 288 fibers, organized in 12 splice trays, each supporting 24 cores. Some models allow for 20% additional capacity for future expansion . The splice trays are designed with adequate curvature radius to protect fibers and can be rotated like booklets for easy access .

Cable Ports

- o Round ports: Typically 6-16 ports, with diameters ranging from 18mm to 26mm depending on the model .
- o Oval port: 1 port, usually 38x70mm, allowing cable entry without cutting .
- o Ports are heat-shrink or mechanical pressure sealed to ensure waterproofing and mechanical protection .

Mounting and Installation

The boxes support multiple installation methods:

- o Wall-mounted
- o Pole-mounted
- o Aerial hanging
- o Direct burial or duct installation

Material and Environmental Protection

- o Constructed from high-strength engineering plastics with UV resistance and flame retardancy .
- o IP68-rated, providing protection against dust and water ingress .
- o Designed to withstand temperature ranges from -35° to 70°, chemical corrosion, and mechanical stress .

Cable Compatibility

- o Supports up to 7 cables with a maximum diameter of 38mm .
- o Each port is designed to maintain fiber integrity and allow for future expansion.

Summary

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While exact external dimensions (height, width, depth) are not universally specified, a typical 288-core dome or vertical fiber optic splice closure is a high-capacity, durable, and weather-resistant enclosure suitable for outdoor and indoor fiber network installations. It integrates multiple splice trays, flexible cable entry ports, and robust materials to ensure long-term reliability in harsh environments .

Optical Fiber Cable Joint Box Design Dome Fiber Capacity 288 fibers Dimensions D238x560mm

Fiber splice dome enclosure includes 6 trays and accommodates up to 288 fiber cables. Rated IP68 for

CV026 is an oval dome type fiber optic splice closure that support

Durable Construction: The fiber optic splicing enclosure is made from high-quality PP+GF material, ensuring a robust and long

Outdoor Fiber Splice Enclosure, 4 In 4 Out Horizontal Fiber Optic Junction Box 1. Description: Arc horizontal type optical splice

Product Description The Model SP-GJS-288P FOSC is mainly used for optical fiber connection and protection. This kind of box is

The SC-H 288 Core high-capacity IP68 Fiber Optic Splice Closure is a testament to excellence in fiber optic

Quality Fiber Optic Joint Box manufacturers & exporter - buy Fiber Optic Joint Closure 288 Core, 4 In 4 Out Horizontal Fiber Optic

Fiber Cable Joint Box is a continuous protection device for supplying optical, sealing and mechanical

Optical Cable Joint Box 12 24 48 72 96 144 288 Core Fiber Connector Box, Find Details and Price about Connector

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

This outdoor fiber terminal box plays a vital role in the deployment and management of fiber optic

Product Description FTTH 48 96 144 288 Cores Fiber Cable Joint Box Fiber Optic Splice Closure Fiber Optical Enclosure Terminal



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OHC3-288 Optical Hub Cabinet Optical Hub Cabinets (OHC) provide fiber distribution to subscribers from

- Part number: KCO-H33120 - Size: 600*260*280mm - Weight: about 5.4kg - Cable entry port: 4 inports

The StreetSmart(TM) Indoor 288 Fiber Entrance Cabinet (FEC) offers off-frame splicing for central offices, headends, or remote huts.

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