

## 96 Fiber Outdoor Vertical Splice Enclosure

(x4) 24 Fiber Splice Trays Included - 5 Ports (x1) at 25mm and (x4) at 19mm - 144 Fiber Max Capacity

### Overview

Fibertronics Inc.'s vertical splice enclosures, also known as dome-style closures, provide rugged, IP68-rated protection for fiber optic splicing in harsh outdoor environments. Ideal for underground, aerial, or pole-mounted installations, these closures safeguard fiber connections from moisture, dirt, and physical damage. Widely used in telecommunications, CATV, and FTTx networks, they feature a durable, weather-resistant design with flexible mounting options and customizable port configurations. With high-capacity splice tray support and a robust sealing system, they offer a reliable, future-ready solution for managing fiber splices in both outside plant and building infrastructure deployments.



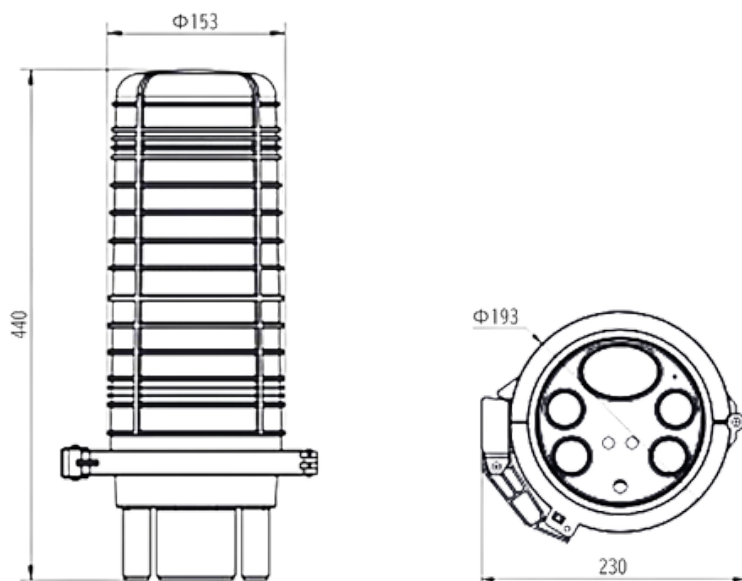
### Key Features

- All performance indicators meet GR-771-CORE standards
- Can accommodate up to 144 fiber splices with additional splice trays
- Splice tray has slot for PLC splitter—1:8 or 1:16
- Suitable for aerial, wall-mount, or direct burial applications
- IP68 Rated – Dustproof and water-resistant
- Corrosion and UV resistant

### Typical Applications

- Underground, aerial, and direct-buried fiber optic splicing
- Outside Plant (OSP) fiber network deployments
- FTTx (FTTH, FTTB, FTTC) rollout and maintenance
- Rural and urban broadband infrastructure
- Industrial environments and harsh-weather fiber installations
- Telecommunications and ISP backbone networks

### Technical Drawing



### Accessories Included

- Fiber Splice Protection Tube
- EVA Transparent Hose (x4)
- Heat Shrink Tube - 30mm x 50mm (x4)
- Dual Heat Shrink Tube - 75mm x 50mm (x1)
- Nylon Ties
- Dividing Clip
- Tin Foil
- Insulating Tape
- Sandpaper

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## Technical Specifications

Height	440mm
Diameter	230mm
Weight	≈ 4kg (≈ 8lbs.)
Cable Port	1 Oval Port, 4 Circular Ports
Unit Max. Fiber Capacity	144 Fibers
Splice Tray Fiber Capacity	24 Fibers
Maximum Tray Capacity	6 Trays
Fiber Radius of Curvature	≥40mm
Cable Diameter (mm)	7mm - 24mm
Temperature Range	-20 °C to +60 °C
Shock Resistance	≥20N.m
Anti-Lateral Pressure	≥2000N/10cm
Sealing Type	Heat Shrink Sealing