

144-Fiber Outdoor Horizontal Splice Closure

6 Splice Trays Included – 6 Ports at 20mm (x2) 22mm (x2) and 25mm (x2) – 192 Fiber or 432 Fiber Max Capacity

Overview

Fibertronics Inc. offers horizontal splice closures designed to protect and manage spliced fiber optic cables in a variety of network environments. These closures provide a sealed, durable housing that shields fiber splices from moisture, dust, and extreme temperatures. Suitable for aerial, underground, and direct-burial applications, they are built to ensure long-term reliability in harsh conditions. Fibertronics' designs also support easy installation and high fiber capacity, making them ideal for both small and large-scale fiber networks.



Key Features

- All performance indicators meet GR-771-CORE standards
- 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
- Telecommunications and ISP backbone networks

Technical Specifications

**Some enclosures can increase their splice capacity by adding additional splice trays.*

Ports	6 Ports
Splice Capacity	144 Fibers
Max. Splice Capacity	192 Fibers w/ TRAY-X2 (x8) -OR- 432 Fibers w/ TRAY-X5 (x12)
Splice Tray Capacity	8 Trays (TRAY-X2) / 12 Trays (TRAY-X5)
Cable Diameter	2x Φ20mm max. / 2x Φ22mm max. / 2x Φ25mm max. (drop cables)
Closure Size	500mm x 270mm x 194mm
IP Rating	IP68
Sealing Type	Mechanical
Housing Material	Polypropylene with glass fiber reinforcement
Internal Components Material	ABS
Metal Accessories Material	Stainless Steel