

Multiport Service Terminal (MST) Boxes

Overview

Fibertronics Inc.'s multiport service terminal (MST) boxes provide a robust, plug-and-play solution for last-mile FTTH deployment. Available with up to 16 output ports, they feature hardened external adapters that allow quick connections without the need to open the enclosure. Unlike other housing types, this prevents exposure of internal fibers to the elements—such as moisture, UV, extreme temperatures, and chemical exposure. Factory-terminated and made with bend-insensitive single-mode fiber, our MST boxes ensure reliability and support a wide range of installations. Pre-built options include trunk cables, pigtails, PLC splitters, and more—providing completely customizable builds for any network application.



Features

- Employs hardened connector technology
- Connect without opening the enclosure
- Utilizes G.657A2 bend-insensitive fiber
- Cables can be made to meet any customer requirement

Applications

- Fiber to the Home (FTTH)
- Multi-dwelling Units (MDUs)
- Rooftop, Tower, and Antenna
- Utility Infrastructure
- Rural Broadband Expansion

Technical Specifications

Output Port Quantities	2, 4, 6, 8, 12, or 16-ports
Input Port Quantities	1 or 2-ports
Connector Types	SC Simplex (Most Common), LC Duplex, or MPO
Cable Size Compatibility*	Round: 4-7mm, 7-9mm, 9-12mm; Flat: 8x4.5mm or 9.8x4.5mm
Common Pre-Built Options	Pre-installed splitter, pigtail, or breakout
Available Installation Kits	Wall-mount, pole-mount, or wire-hanging
Fiber Mode & Type	Single-mode OS2; G.657A2 bend-insensitive
Common Cable Types (Not Limited To)	Round dielectric, toneable cables, or OSP flat drop

*PG glands are supplied with a water-proof rubber ring designed for a select range of cables.

Pair these MST boxes with our FT-Tap™ hardened connector drop cables for a complete plug-and-play solution. Fully compatible with any hardened connector system, our factory-terminated FT-Tap™ cables ensure fast, secure, and weather-resistant connections—ideal for any last-mile fiber deployment. **Visit our website or call us for more information or to request a quote.**