



A **288-core fiber street cabinet with LC (Lucent Connector) termination** is typically used for fiber optic distribution in FTTx (Fiber to the Room) networks

- **Patch Panel:** 288 LC adapters (duplex)
- **Splice Trays:** Typically **24 trays (12F per tray)**
- **Pigtail Type:** Pre-terminated LC pigtails
- **Cable Management:** Fiber bend radius >30mm for protection
- **Cable Entry Ports:** 6-12 ports (supports multiple cable types)

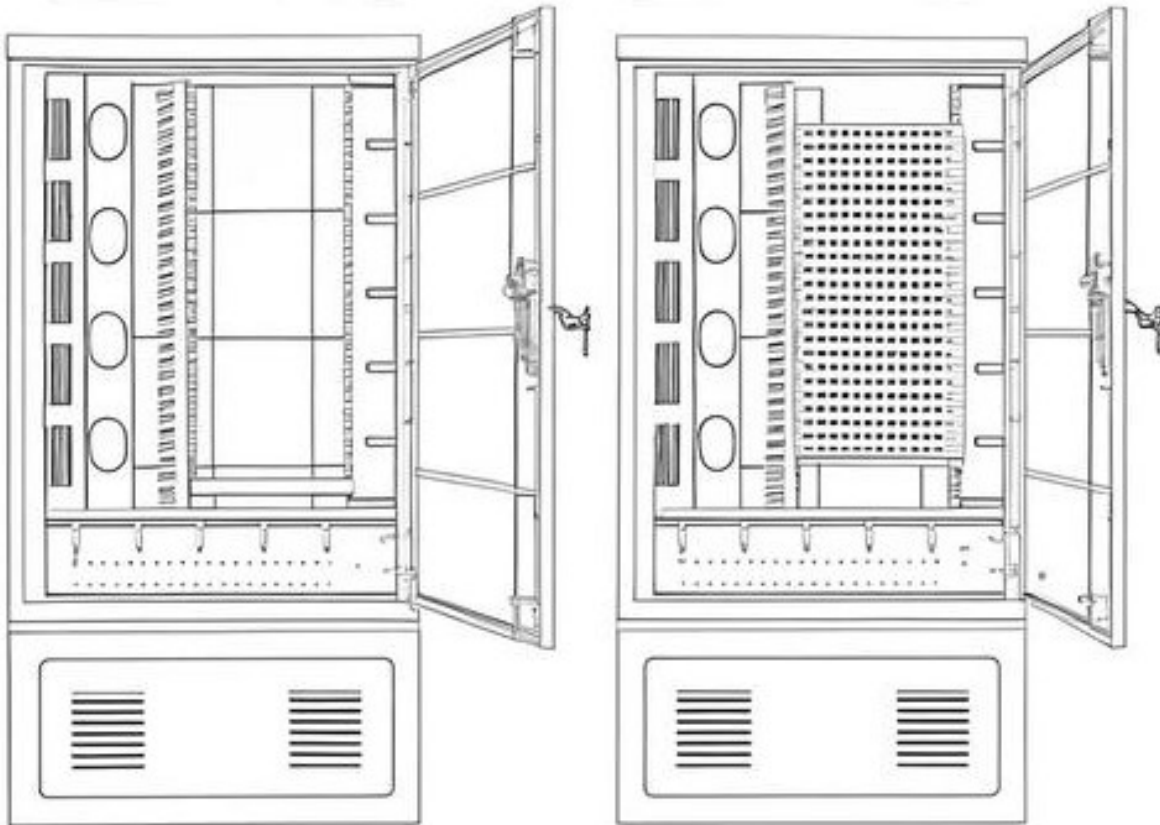
- **Dimensions:** 1450mm (H) × 750mm (W) × 320mm (D)
- **Weight:** 60-100 kg
- **Protection:** IP55 or higher for dust and water resistance
- **Operating Temperature:** -40°C to +65°C
- **Humidity Resistance:** 5% - 95% (non-condensing)
- **UV Protection:** Yes



Compliance & Standards

- TIA/EIA-568, ISO/IEC 11801, and IEC 61754-20 (for LC connectors)
- RoHS, CE, and UL certified components

Enclosure Schematic Diagram

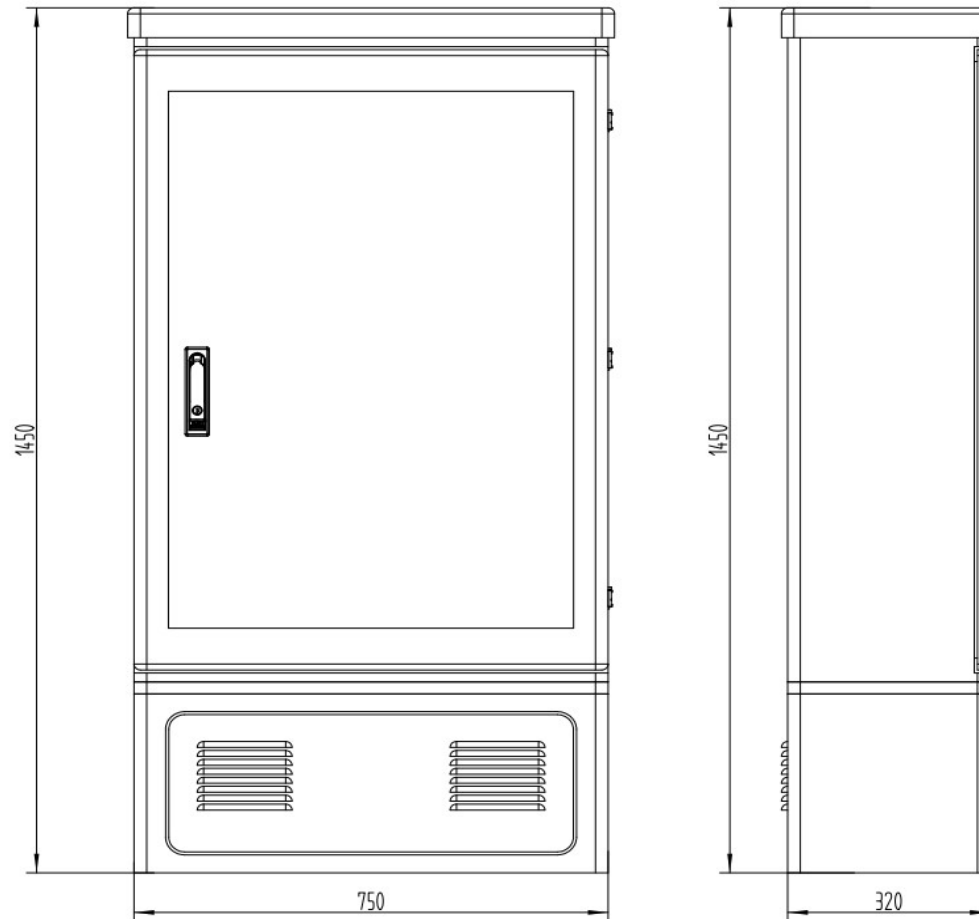


Applications

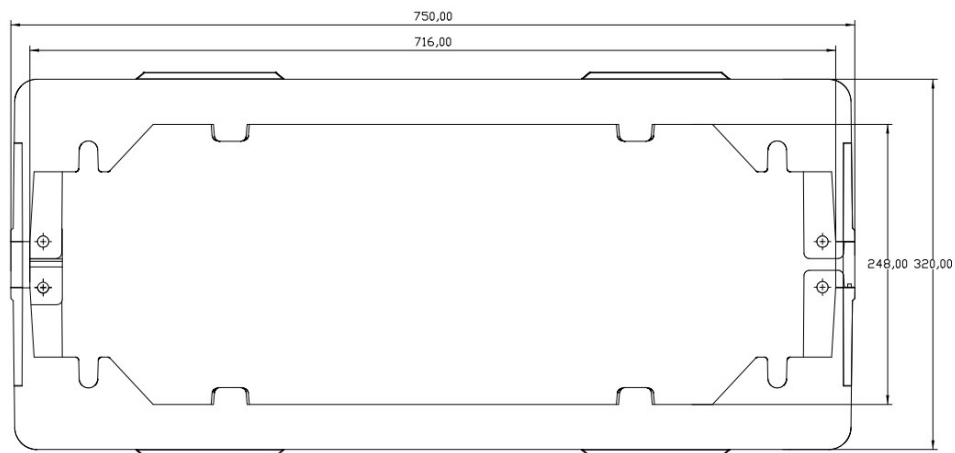
- FTTH (Fiber to the Home) Networks
- FTTB (Fiber to the Building) & FTTP (Fiber to the Premises)
- Metro Ethernet & Backbone Networks
- 4G/5G Mobile Backhaul

- Locking Mechanism:** 3-point lock with anti-vandal protection
- Grounding:** Built-in grounding for electrical safety
- Cable Sealing:** Rubber gasket or heat-shrink seal to prevent dust and moisture

Enclosure Schematic Diagram



Schematic Diagram Plinth FIBER TO THE STREET [FDC]-**FTTS**



Cabin Square Column

