

TurnOpt™ Series 2000

Fiber Optic Surface Mounted Enclosure



Features & Benefits

- Utilizes patented Rotating Frame Assembly technology
- Designed to add onto existing Outside Plant cabinets
- Ideal for distributed, mid-span or end-of-block architectures
- Fills gaps in many FTTX service deployments
- 144 subscribers with 36 input / express ports with SC
- 288 subscribers with 72 input / express ports with LC
- 10-splitter module capacity with parking for 170 splitter leads
- Slim Line design (W x H x D): 10 in x 51 in x 11 in (255 mm x 1295 mm x 280 mm)
- Robust NEMA 4-rated enclosure: 49 lbs (22 kg)
- GR-3125/TPR-9417 compliant and GR-326 certified connectors



Overview

The TurnOpt™ 2000 is an extremely compact, Slim Line Fiber Distribution Hub designed for low-density FTTX deployments supporting up to 288 subscribers. The TurnOpt 2000 is housed in a small form-factor enclosure that is ideally suited for wall-mount applications where space is limited. The Slim Line “Papoose” can also be installed onto the side of existing OSP Cabinets. PPC's patented Rotating Frame Assembly is housed inside the TurnOpt 2000 and provides 180° access to subscriber ports, express ports, splitter modules, splitter leads and cable management. PPC's high performance PLC splitter modules are enclosed in a chemically-resistant housing and are compliant with Telcordia GR-326, GR-1209 and GR-1221 standards. They easily snap into, and finger release from, splitter slots in PPC Fiber Distribution Hubs (no tools required).

Technical Data

Product Specifications

| Specification | Value |
|------------------------|---|
| Dimensions (H x W x D) | 51 x 10 x 11 inches (1295 x 255 x 280mm) |
| Material | Powder coated Aluminum (standard color = Matte Brown) |
| Door lock | 3-point draw latch door handle (216c can wrench) |
| Cable entry ports | RG16 and RG21 ports, 0.55 inch (14mm) max. diameter |
| Splitter capacity | 10 splitters (170 splitter lead storage) |
| Pass-through capacity | 24 Fibers (SC) or 60 Fibers (LC) with 12 Fibers for Splitters |

Optical Data

| Specification | Value |
|----------------|---|
| Fiber type | G.657.A1 single mode |
| Insertion loss | 0.30 dB maximum single mode APC 0.20 dB maximum single mode UPC |
| Return loss | 65.0 dB minimum single mode APC 55.0 dB minimum single mode UPC |

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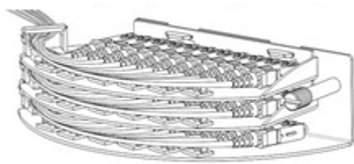
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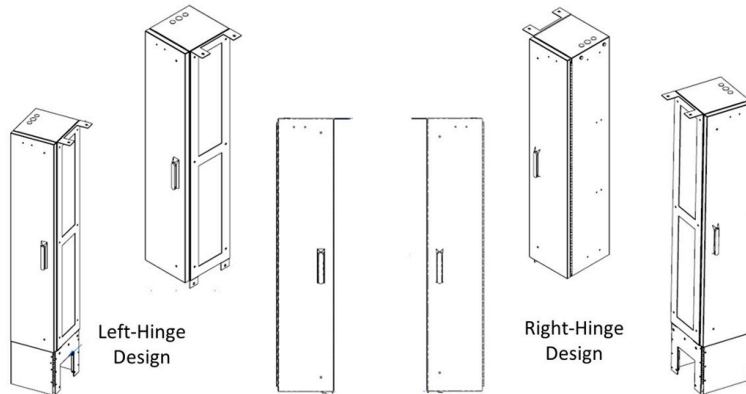
Technical Drawings



Parking Trays - Left Hinge

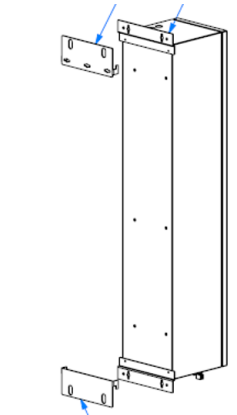


Parking Trays - Right Hinge



Left-Hinge Design

Right-Hinge Design



Wall Mounting System

Ordering Information

| Part Number | Description |
|--------------------|---|
| T20W4-D2TB-2TB2-VB | 144/36 OSP Dry Ribbon SC-APC Wall Mount Left Hinge 300ft Stubs |
| T20W4-D2TC-2TC2-VB | 144/36 OSP Dry Ribbon SC-APC Wall Mount Left Hinge 500ft Stubs |
| T20J4-D2TB-2TB2-VB | 144/36 OSP Dry Ribbon SC-APC Wall Mount Right Hinge 300ft Stubs |
| T20J4-D2TC-2TC2-VB | 144/36 OSP Dry Ribbon SC-APC Wall Mount Right Hinge 500ft Stubs |
| T20L4-D2TB-2TB2-VB | 144/36 OSP Dry Ribbon SC-APC Side Mount Left Hinge 300ft Stubs |
| T20L4-D2TC-2TC2-VB | 144/36 OSP Dry Ribbon SC-APC Side Mount Left Hinge 500ft Stubs |
| T20R4-D2TB-2TB2-VB | 144/36 OSP Dry Ribbon SC-APC Side Mount Right Hinge 300ft Stubs |
| T20R4-D2TC-2TC2-VB | 144/36 OSP Dry Ribbon SC-APC Side Mount Right Hinge 500ft Stubs |
| VSM132-BF2-Y2-SL | 1x32 PLC Splitter Module SC-APC Left Hinge |
| VSM132-BF2-Y2-SR | 1x32 PLC Splitter Module SC-APC Right Hinge |
| PTM120-SCA-2R2R-SL | 12 Channel Pass-Thru Module SC-APC Left Hinge |
| PTM120-SCA-2R2R-SR | 12 Channel Pass-Thru Module SC-APC Right Hinge |
| T20W5-E2TB-2TB4-VB | 288/72 OSP Dry Ribbon LC-APC Wall Mount Left Hinge 300ft Stubs |
| T20W5-E2TC-2TC4-VB | 288/72 OSP Dry Ribbon LC-APC Wall Mount Left Hinge 500ft Stubs |
| T20J5-E2TB-2TB4-VB | 288/72 OSP Dry Ribbon LC-APC Wall Mount Right Hinge 300ft Stubs |
| T20J5-E2TC-2TC4-VB | 288/72 OSP Dry Ribbon LC-APC Wall Mount Right Hinge 500ft Stubs |
| T20L5-E2TB-2TB4-VB | 288/72 OSP Dry Ribbon LC-APC Side Mount Left Hinge 300ft Stubs |
| T20L5-E2TC-2TC4-VB | 288/72 OSP Dry Ribbon LC-APC Side Mount Left Hinge 500ft Stubs |
| T20R5-E2TB-2TB4-VB | 288/72 OSP Dry Ribbon LC-APC Side Mount Right Hinge 300ft Stubs |
| T20R5-E2TC-2TC4-VB | 288/72 OSP Dry Ribbon LC-APC Side Mount Right Hinge 500ft Stubs |
| VSM132-GF4-L4-SL | 1x32 PLC Splitter Module LC-APC Left Hinge |
| VSM132-GF4-L4-SR | 1x32 PLC Splitter Module LC-APC Right Hinge |
| PTM240-LCA-1R1R-SL | 24 Channel Pass-Thru Module LC-APC Left Hinge |
| PTM240-LCA-1R1R-SR | 24 Channel Pass-Thru Module LC-APC Right Hinge |

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