

Opt-X® 1000 Rack-Mount Enclosures 3RU & 6RU

APPLICATION

For rack-mount fiber applications requiring patching, cross connect, and/or splicing of singlemode or multimode fibers while utilizing a minimum of rack space.

FEATURES

- Self-healing grommet material at all cable entry/exit points.
- Cable Entrance Ports on the front, rear and sides allow cable to enter the box from any direction.
- Removable front and rear doors, and top cover.
- Includes 8 (3RU) or 16 (6RU) plastic blank mounting plates to inexpensively fill unused areas.
- Dual stackable and adjustable fiber management rings.
- 3RU holds up to six splice trays.
- 6RU holds up to 12 splice trays.
- Fiber management rings are removable, allowing the rear tray to store larger quantities of slack.

STANDARDS COMPLIANCE

Meets all applicable standards: UL Listed; meets or exceeds all TIA/EIA-568-B requirements; and meets FCC Part 68.

PHYSICAL SPECIFICATIONS

| | |
|-------------|--|
| Dimensions: | 3RU - 5.25"H x 19.0"W x 12.0"D 6RU - 10.44"H x 19.0"W x 12.0"D |
| Connectors: | Accepts all Opt-X adapter plates, see chart on back for number of fibers in various configurations. |
| Materials: | Constructed of 18 gauge steel, powder coated black with white Leviton logo. Fiber management rings are made of self-extinguishing plastic rated UL 94V-0. Grommet material is Ensolite™. |

DESIGN CONSIDERATIONS

- Enclosures are empty. Order loaded Opt-X adapter plates separately.
- Specify the type of adapter plates to be installed in the enclosure.
- Specify if splicing is to be used, and if so, what type.
- Recommend that enclosures be arranged to allow future growth.
- Designation stickers allow identification of port assignments.
- Enclosures are capable of storing up to 3 meters of 900 micron tight buffered fiber per adapter.
- Door options: Metal, smoked polycarbonate, or metal door with lock (default configuration is lock on front door only).
- Specify if lock is required on rear or both doors.
- Includes hardware kit with Hook and Loop ties, push-pull locks screws, a caution label, and cable ties.
- Specify width of rack or cabinet, mounting ears are adjustable for 19" or 23" mounting.



Note: Adapter Plates sold separately.

WARRANTY INFORMATION

For a copy of Leviton product warranties, log on to www.levitonvoicedata.com/warranty.

TYPICAL SPECIFICATION

The enclosure shall accommodate fiber adapters in 5.25" (3RU) or 10.5" (6RU) rack space. Adapters shall be mounted on metal plates, and attached to the enclosure using plastic plungers. The adapter plates shall have a port designation number near the adapter. The doors shall be designed to be used as a work surface. There shall be vertical cable entrance ports in the top, bottom and sides of the enclosure, both front and rear. All cable entrance ports shall be covered with a self adhesive UL 94V-0 rated grommet material. The enclosure shall provide strain relief in the form of a grounding lug and multiple tie wrap points. The enclosure must have mounting ears that allow mounting on 19" or 23" rack in either a mid- or flush-mount configuration. The enclosure shall have dual plastic rings made of high impact UL 94V-0 rated self-extinguishing plastic. These rings must be stackable and adjustable. A port identification label/card shall be provided. The enclosure shall be made of 18 gauge steel, powder coated black.

ELECTRONIC FILES

For CAD files, Typical Specs, or Dimensional Line Art (.DXF, .DWG, MS-DOS.eps or .TXT), log on to www.levitonvoicedata.com.



For Technical Support Call 1-425-485-4288; in USA call 1-800-824-3005.
Spec sheets and updates are also available at www.levitonvoicedata.com.

2222 - 222nd St. SE • Bothell, WA 98021 USA
Tel: 1-800-722-2082 / 1-425-485-4288 • Fax: 1-425-483-5270 • Int'l Fax: 1-425-485-9170 • GSA Schedule Available



Opt-X 1000 Rack-Mount Enclosures

Part Numbers

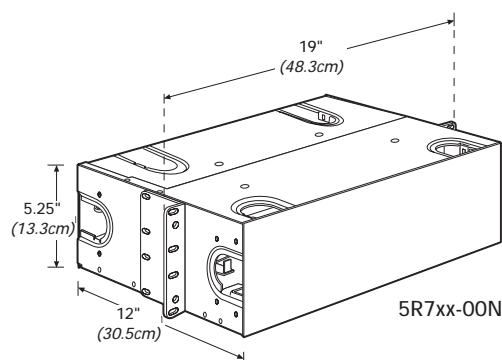
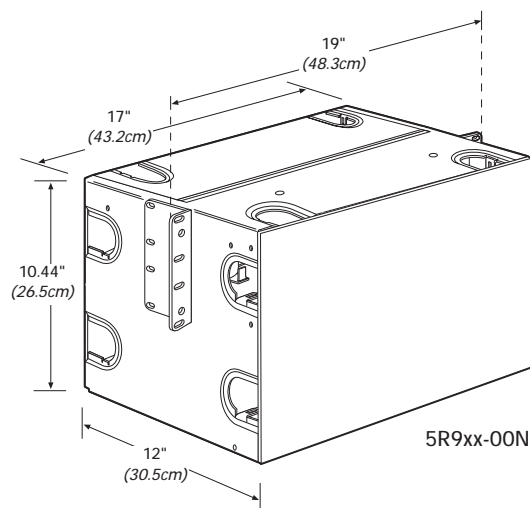
5R7xx-00N

5R9xx-00N

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DIMENSIONAL LINE ART

See ELECTRONIC FILES for CAD images
(.DXF, .DWG, MS-DOS.EPS)



FIBER DENSITY CHART - RACK MOUNT OPTIONS

3RU

Holds up to 12 Adapter Plates

6-pack ST or FC = up to 72 Fibers
8-pack ST or FC = up to 96 Fibers
3-pack Duplex SC = up to 72 Fibers
6-pack SC = up to 144 Fibers
6-pack MT-RJ = up to 144 Fibers
12-pack MT-RJ = up to 288 Fibers

6RU

Holds up to 24 Adapter Plates

6-pack ST or FC = up to 144 Fibers
8-pack ST or FC = up to 192 Fibers
3-pack Duplex SC = up to 144 Fibers
6-pack SC = up to 288 Fibers
6-pack MT-RJ = up to 288 Fibers
12-pack MT-RJ = up to 576 Fibers

PART NUMBERS

| Opt-X 1000 Rack-Mount Enclosures | |
|--|-----------|
| Description | Part No. |
| 3RU, Empty with metal door, no lock | 5R730-00N |
| 3RU, Empty with metal door and one lock/key | 5R740-00N |
| 3RU, Empty with smoked polycarbonate door, no lock | 5R760-00N |
| 6RU, Empty with metal door, no lock | 5R930-00N |
| 6RU, Empty with metal door and one lock/key | 5R940-00N |
| 6RU, Empty with smoked polycarbonate door, no lock | 5R960-00N |

ACCESSORIES

| Description | Part No. |
|--|-----------|
| 3.5" Metal Door | 5D000-3RM |
| 3.5" Poly Door | 5D000-3RP |
| Slide Rail Kit - Rack-Mount only | 5S100-SLM |
| Lock and key. Add security to an existing enclosure door - simply remove the black plastic plug on the front door, replacing it with a lock mechanism. | 5L000-LOK |
| Additional Fiber Rings (package of 2) | 5R100-0FR |
| Mini-Splice Tray, 4.00" x 7.06" x 0.25" (w/two 6-position Heat Shrink Holders) | T47HS-P06 |
| Mini-Splice Tray, Black, 4.00" x 7.06" x 0.25" (w/two 6-position Heat Shrink Foam Holders) | T47SL-F06 |
| Mini-Splice Tray, 4.00" x 7.06" x 0.25" (w/two 6-position Heat Shrink Foam Holders) | T47SL-F12 |
| 4" Standard Splice Tray, 4.00" x 11.75" x 0.25" (w/two 6-Position Heat Shrink LGX Holders) | T4LAT-F06 |
| 4" High Density Splice Tray, 4.00" x 11.75" x 0.25" (w/four 6-Position Heat Shrink Holders) | T4LHS-P12 |
| 4" High Density Splice Tray, 4.00" x 11.75" x 0.25" (w/four 6-Position Heat Shrink LGX Footprint Holders) | T4LAT-F12 |
| 4" High Density Splice Tray, 4.00" x 11.75" x 0.25" (w/four 6-Position Heat Shrink Foam Holders) | T4LHS-F12 |



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