# Opt-X® Enclosure System

## 72 Fibers Per RU (using LC)

The Opt-X Enclosure System is a flexible solution designed for easy installation and maintenance. Whether it's the Opt-X Ultra for data centers or 1000i and 500i for medium and small enterprise applications, each comes packed with features for better cable organization and maintainability. In addition, precision-molded Opt-X adapter plates, MTP® cassettes, and cable assemblies offer the flexible connection and storage options to meet any project need.

## FEATURED PRODUCTS

LEVITON.COM/NS   •   800.722.2082 / +1.425.486.2222

A  B  C  D  E  F  G  H  I  J

K  L  M  N  O  P  Q  R  S  T

## OPT-X ADAPTER PLATES

- Work with Opt-X series enclosures, including the Opt-X Ultra®, Opt-X 1000i, Opt-X 500i, VertiGO and wall-mount Opt-X 1000

- Captive push/pull fasteners allow for quick, tool-free installation and removal

- Precision molded LC and SC adapter plate colors designate fiber type, per TIA standards

- Available in 6- to 24-fiber plates for LC, SC, and ST

- Available in 72- to 192-fiber plates for MTP®

- MTP and LC adapter plates with shutters available by custom order

- 6-position QuickPort® Adapter plates (item T) accept all QuickPort modules

| Front | Rear |
|---|---|
| | |

Key Up / Key Down

| Front | Rear |
|---|---|
| | |

Key Up / Key Up
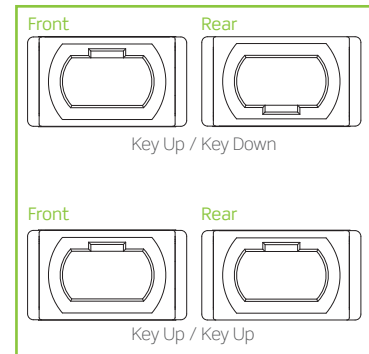
## OPT-X RACK-MOUNT ENCLOSURE CAPACITY

| 1RU<br>FOR ULTRA 1000i & 500i | 2RU<br>FOR ULTRA 1000i & 500i | 3RU<br>FOR 1000i | 3RU<br>FOR 500i | 4RU<br>FOR ULTRA 1000i |
|---|---|---|---|---|
| Holds up to 3 adapter plates | Holds up to 6 adapter plates | Holds up to 9/12 adapter plates | Holds up to 12 adapter plates | Holds up to 12/15 adapter plates |
| 6-pk Dplx LC = up to 36 fibers<br>6-pk Quad LC = up to 72 fibers<br>8-pk Dplx LC = up to 48 fibers<br>3-pk Dplx SC = up to 18 fibers<br>6-pk Dplx SC = up to 36 fibers<br>6-pk ST = up to 18 fibers<br>8-pk ST = up to 24 fibers | 6-pk Dplx LC = up to 72 fibers<br>6-pk Quad LC = up to 144 fibers<br>8-pk Dplx LC = up to 96 fibers<br>3-pk Dplx SC = up to 36 fibers<br>6-pk Dplx SC = up to 72 fibers<br>6-pk ST = up to 36 fibers<br>8-pk ST = up to 48 fibers | 6-pk Dplx LC = up to 108/144 fibers<br>6-pk Quad LC = up to 216/288 fibers<br>8-pk Dplx LC = up to 144/192 fibers<br>3-pk Dplx SC = up to 54/72 fibers<br>6-pk Dplx SC = up to 108/144 fibers<br>6-pk ST = up to 54/72 fibers<br>8-pk ST = up to 72/96 fibers | 6-pk Dplx LC = up to 144 fibers<br>6-pk Quad LC = up to 288 fibers<br>8-pk Dplx LC = up to 192 fibers<br>3-pk Dplx SC = up to 72 fibers<br>6-pk Dplx SC = up to 144 fibers<br>6-pk ST = up to 72 fibers<br>8-pk ST = up to 96 fibers | 6-pk Dplx LC = up to 144/180 fibers<br>6-pk Quad LC = up to 288/360 fibers<br>8-pk Dplx LC = up to 192/240 fibers<br>3-pk Dplx SC = up to 72/90 fibers<br>6-pk Dplx SC = up to 144/180 fibers<br>6-pk ST = up to 72/90 fibers<br>8-pk ST = up to 96/120 fibers |

## OPT-X WALL-MOUNT ENCLOSURE CAPACITY

| SMALL | MEDIUM | LARGE |
|---|---|---|
| Holds up to 2 adapter plates | Holds up to 4 adapter plates | Holds up to 12 adapter plates |
| 6-pk Dplx LC = up to 24 fibers<br>6-pk Quad LC = up to 48 fibers<br>8-pk Dplx LC = up to 32 fibers<br>3-pk Dplx SC = up to 12 fibers<br>6-pk Dplx SC = up to 24 fibers<br>6-pk ST = up to 12 fibers<br>8-pk ST = up to 16 fibers | 6-pk Dplx LC = up to 48 fibers<br>6-pk Quad LC = up to 96 fibers<br>8-pk Dplx LC = up to 64 fibers<br>3-pk Dplx SC = up to 24 fibers<br>6-pk Dplx SC = up to 48 fibers<br>6-pk ST = up to 24 fibers<br>8-pk ST = up to 32 fibers | 6-pk Dplx LC = up to 144 fibers<br>6-pk Quad LC = up to 288 fibers<br>8-pk Dplx LC = up to 192 fibers<br>3-pk Dplx SC = up to 72 fibers<br>6-pk Dplx SC = up to 144 fibers<br>6-pk ST = up to 72 fibers<br>8-pk ST = up to 96 fibers |

## OPT-X PRECISION-MOLDED FIBER ADAPTER PLATES

| | DESCRIPTION | PART NO. |
|---|---|---|
| [A] | Adapter Plate (beige), 62.5 µm MM (OM1), Duplex LC, 12-fiber, zirconia ceramic sleeve | 5F100-2IL |
| [B] | Adapter Plate (black), 50 µm MM (OM2), Duplex LC, 12-fiber, zirconia ceramic sleeve | 5F100-2EL |
| [C] | Adapter Plate (aqua), 50 µm LOMM (OM 3 & 4), Duplex LC, 12-fiber, zirconia ceramic sleeve | 5F100-2QL |
| [D] | Adapter Plate (violet), 50 µm LOMM (OM4+), Duplex LC, 12-fiber, zirconia ceramic sleeve (New) | 5F100-2PL |
| [E] | Adapter Plate (blue), SM (OS2), Duplex LC, 12-fiber, zirconia ceramic sleeve | 5F100-2LL |
| [F] | Adapter Plate (green), SM (OS2), Duplex LC/APC, 12-fiber, zirconia ceramic sleeve | 5F100-2VL |
| [G] | Adapter Plate (beige), 62.5 µm MM (OM1), Quad LC, 24-fiber, zirconia ceramic sleeve | 5F100-4IL |
| [H] | Adapter Plate (black), 50 µm MM (OM2), Quad LC, 24-fiber, zirconia ceramic sleeve | 5F100-4EL |
| [I] | Adapter Plate (aqua), 50 µm LOMM (OM3 & 4), Quad LC, 24-fiber, zirconia ceramic sleeve | 5F100-4QL |
| | Adapter Plate (violet), 50 µm LOMM (OM4+), Quad LC, 24-fiber, zirconia ceramic sleeve (New) | 5F100-4PL |
| [J] | Adapter Plate (blue), SM (OS2), Quad LC, 24-fiber, zirconia ceramic sleeve | 5F100-4LL |
| | Plates (beige), 62.5 µm MM (OM1), Duplex SC, 6-fiber, zirconia ceramic sleeve | 5F100-6IC |
| | Plates (black), 50 µm MM (OM2), Duplex SC, 6-fiber, zirconia ceramic sleeve | 5F100-6EC |
| | Plates (aqua), 50 µm MM (OM3 & OM4), Duplex SC, 6-fiber, zirconia ceramic sleeve | 5F100-6QC |
| | Plates (blue), SM (OS2), Duplex SC, 6-fiber, zirconia ceramic sleeve | 5F100-6LC |
| | Plates (green), SM (OS2), Duplex SC/APC, 6-fiber, zirconia ceramic sleeve | 5F100-6VC |
| [K] | Adapter Plate (beige), 62.5 µm MM (OM1), Duplex SC, 12-fiber, zirconia ceramic sleeve | 5F100-2IC |
| [L] | Adapter Plate (black), 50 µm MM (OM2), Duplex SC, 12-fiber, zirconia ceramic sleeve | 5F100-2EC |
| [M] | Adapter Plate (aqua), 50 µm LOMM (OM3 & OM4), Duplex SC, 12-fiber, zirconia ceramic sleeve | 5F100-2QC |
| [N] | Adapter Plate (blue), SM (OS2), Duplex SC, 12-fiber, zirconia ceramic sleeve | 5F100-2LC |
| [O] | Adapter Plate (green), SM (OS2), Duplex SC/APC, 12-fiber, zirconia ceramic sleeve | 5F100-2VC |
| [P] | Adapter Plate (black), ST MM/SM, 6-fiber, zirconia ceramic sleeve | 5F100-6MT |
| [Q] | Adapter Plate (black), ST MM/SM, 8-fiber, zirconia ceramic sleeve | 5F100-8MT |
| [R] | Adapter Plate (black), Blank | 5F100-PLT |

## OPT-X FIBER ADAPTER PLATES, METAL

| | DESCRIPTION | PART NO. |
|---|---|---|
| | Adapter Plate (black), OM1 & 2, Duplex LC (beige), 16-fiber, phosphor bronze sleeve | 5F100-16P |
| | Adapter Plate (black), OM3 & 4, Duplex LC (aqua), 16-fiber, zirconia ceramic sleeve | 5F100-16A |
| | Adapter Plate (black), OS2, Duplex LC (blue), 16-fiber, zirconia ceramic sleeve | 5F100-16Z |
| [S] | Adapter Plate (black), 6 simplex MTP, key up/key down | 5F100-6MP |
| | Adapter Plate (black), 6 simplex MTP, key up/key up | 5F100-6MB |
| | Adapter Plate (black), 8 simplex MTP, key up/key down | 5F100-8MP |
| | Adapter Plate (black), 8 simplex MTP, key up/key up | 5F100-8MB |
| [T] | Adapter Plate (black), 6-position QuickPort®, Empty | 5F100-6QP |

Additional adapter plate configurations available. Please contact Tech Support at 800.824.3005 for more information.

**SPOTLIGHT** Opt-X Precision-Molded Adapter Plates

Traditional adapter plate construction typically uses independent couplers inserted in a metal plate that often results in a "rattling" of components. Leviton Opt-X Adapter Plates eliminate rattling and loose-fitting adapters by using precision molding and integrated adapters, improving the overall performance, functionality, and quality of construction. All multimode and single-mode Opt-X plates feature zirconia ceramic sleeves, providing high performance and low insertion loss (recommended for applications requiring 10 Gbps and higher).

Opt-X Enclosure System

FIBER