

## Opt-X® Fiber Adapter Plates — Precision Molded

### APPLICATION

Leviton Opt-X fiber adapter plates are used in conjunction with Opt-X panels or enclosures (rack- or wall-mount) to provide a means to connect backbone to backbone or backbone to horizontal fiber cabling. The Opt-X fiber adapter plates are offered in LC, SC, and ST versions.



### SPECIFICATION

The Opt-X adapter plate shall be modular and functional for use in an Opt-X panel or enclosure (rack- or wall-mount). The adapter plate shall be offered in LC, SC, and ST styles in 6, 12, or 24 fiber configurations. The adapter plate shall be compliant to ANSI/TIA-568-C.3 (for performance) and respective ANSI/TIA-604-X (for intermateability) standards. Adapter plates shall use zirconia ceramic sleeves and be offered in standard fiber type colors pursuant to ANSI/TIA-568-C.3 standards. The adapter and plate shall be integrated to eliminate “rattle” and loose fit. Adapter plates shall be made in the United States of America.

### FEATURES

- Integrated LC and SC plates (two pieces) eliminates rattling and loose fit
- Adapter plates use zirconia ceramic sleeves for optimal performance in 1 Gbps and higher transmission speeds
- LC and SC plates offered in standard fiber type colors
- Adapter plates offered in LC, SC, ST, and blank styles
- Captive push-lock pins allow for quick tool-less installation
- Compatible with all Opt-X panels and enclosures (rack- or wall-mount)

### DESIGN CONSIDERATIONS

- Arrange adapter plates within panel or enclosure to allow for future growth
- Colored plate or fiber adapters will identify fiber type used
- Visible sequential numbering to identify ports (for Tx & Rx)
- 4RU rack-mount enclosure accommodates up to 15 adapter plates for highest density per RU
- Zirconia ceramic sleeve typically used on laser optimized multimode and single-mode applications (OM3, OM4, OM4+, OS2)

### STANDARDS COMPLIANCE

- Meets ANSI/TIA-568-C.3 for performance requirements
- Meets ANSI/TIA-604-2B (ST), -3B (SC), -10B (LC) for connector intermateability

### PHYSICAL SPECIFICATIONS

Materials: Adapter plate: constructed of engineered polymer, various pantone colors

### COUNTRY OF ORIGIN

USA

### WARRANTY INFORMATION

For a copy of Leviton product warranties, visit [www.leviton.com/warranty](http://www.leviton.com/warranty).

5F100-xxx (precision molded)

# PRODUCT SPECIFICATIONS

## 5F100-xxx (precision molded)

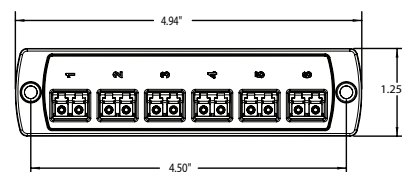


### ELECTRONIC FILES

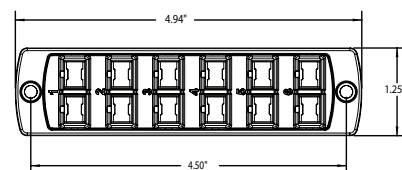
For CAD files, typical specs, or dimensional line art (.DXF, .DWG, Visio), visit [www.leviton.com](http://www.leviton.com).

### PART NUMBERS

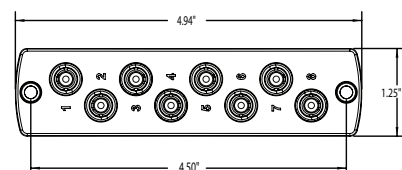
| Description                                                                        | Part No.  |
|------------------------------------------------------------------------------------|-----------|
| Plate (beige), 62.5 µm MM (OM1), Duplex LC, 12-fiber, zirconia ceramic sleeve      | 5F100-2IL |
| Plate (black), 50 µm MM (OM2), Duplex LC, 12-fiber, zirconia ceramic sleeve        | 5F100-2EL |
| Plate (aqua), 50 µm LOMM (OM3 & OM4), Duplex LC, 12-fiber, zirconia ceramic sleeve | 5F100-2QL |
| Plate (violet), 50 µm LOMM (OM4+), Duplex LC, 12-fiber, zirconia ceramic sleeve    | 5F100-2PL |
| Plate (blue), SM (OS1 & OS2), Duplex LC, 12-fiber, zirconia ceramic sleeve         | 5F100-2LL |
| Plate (green), SM/APC (OS2), Duplex LC, 12-fiber, zirconia ceramic sleeve          | 5F100-2VL |
| Plate (beige), 62.5 µm MM (OM1), Quad LC, 24-fiber, zirconia ceramic sleeve        | 5F100-4IL |
| Plate (black), 50 µm MM (OM2), Quad LC, 24-fiber, zirconia ceramic sleeve          | 5F100-4EL |
| Plate (aqua), 50 µm LOMM (OM3 & OM4), Quad LC, 24-fiber, zirconia ceramic sleeve   | 5F100-4QL |
| Plate (violet), 50 µm LOMM (OM4+), Quad LC, 24-fiber, zirconia ceramic sleeve      | 5F100-4PL |
| Plate (blue), SM (OS1 & 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 (OS1 & OS2), Duplex SC, 6-fiber, zirconia ceramic sleeve         | 5F100-6LC |
| Plates (green), SM/APC (OS2), Duplex SC, 6-fiber, zirconia ceramic sleeve          | 5F100-6VC |
| Plate (beige), 62.5 µm MM (OM1), Duplex SC, 12-fiber, zirconia ceramic sleeve      | 5F100-2IC |
| Plate (black), 50 µm MM (OM2), Duplex SC, 12-fiber, zirconia ceramic sleeve        | 5F100-2EC |
| Plate (aqua), 50 µm LOMM (OM3 & OM4), Duplex SC, 12-fiber, zirconia ceramic sleeve | 5F100-2QC |
| Plate (blue), SM (OS1 & OS2), Duplex SC, 12-fiber, zirconia ceramic sleeve         | 5F100-2LC |
| Plate (green), SM/APC (OS2), Duplex SC, 12-fiber, zirconia ceramic sleeve          | 5F100-2VC |
| Plate (black), ST MM/SM, 6-fiber, zirconia ceramic sleeve                          | 5F100-6MT |
| Plate (black), ST MM/SM, 8-fiber, zirconia ceramic sleeve                          | 5F100-8MT |
| Plate (black), Blank                                                               | 5F100-PLT |



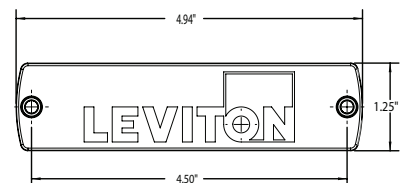
LC style



SC style



ST style



blank style

5F100-xxx (precision molded)

