

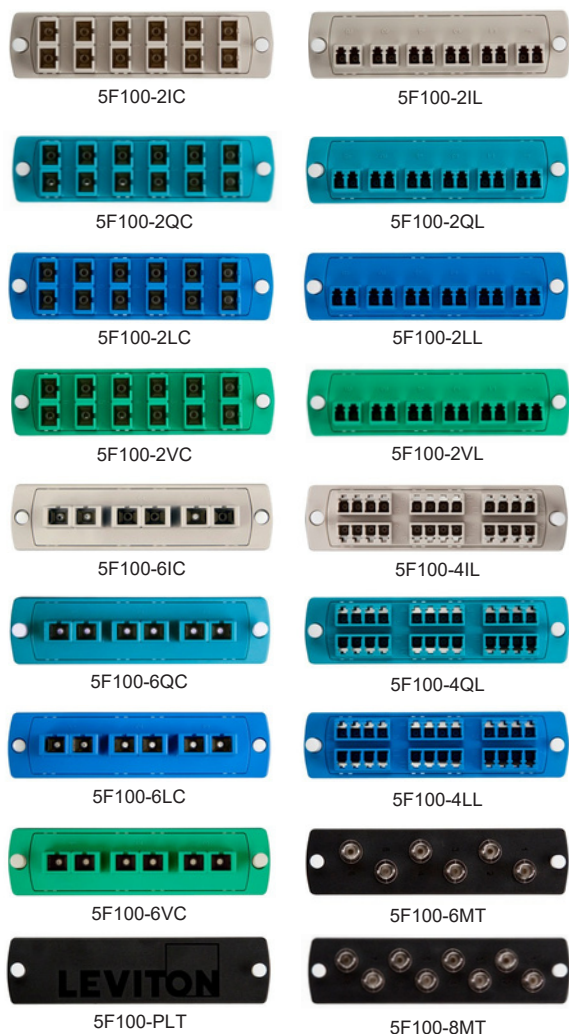
## PRODUCT SPECIFICATIONS

5F100-xxx (precision molded)

# OPT-X™ SDX Fiber Adapter Plates — Precision Molded

## APPLICATION

Leviton SDXFiber Adapter Plates are used in conjunction with SDX panels or enclosures (rack- or wall-mount) to provide a means to connect backbone to backbone or backbone to horizontal fiber cabling. The SDX Fiber Adapter Plates are offered in LC, SC, and ST versions.



## SPECIFICATION

The SDX adapter plate shall be modular and functional for use in an SDX 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-568.3-E (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-568.3-E standards. The LC and SC adapters and plate shall be integrated to eliminate “rattle” and loose fit. Adapter plates shall be TAA compliant.

## FEATURES & BENEFITS

- 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 SDX 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, OS2)
- Dust plugs or caps are installed in adapters on final assembly

## STANDARDS & REGULATIONS

- Meets ANSI/TIA-568.3-E for performance requirements
- Meets ANSI/TIA-604-2B (ST), -3B (SC), -10C (LC) for connector intermateability

## MECHANICAL SPECIFICATIONS

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

Temp. (Installation): -10 °C to +60 °C (-50 °F to +140 °F)  
Temp. (Operating): -10 °C to +60 °C (-50 °F to +140 °F)

## COUNTRY OF ORIGIN

LC, SC, blank plates: USA  
ST plates: Taiwan

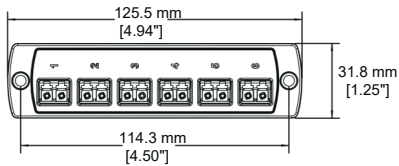
## WARRANTY INFORMATION

For Leviton product warranties, go to [Leviton.com/NS/Warranty](http://Leviton.com/NS/Warranty)

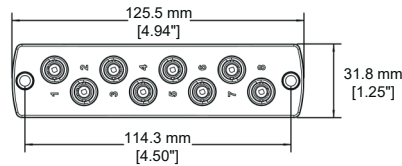
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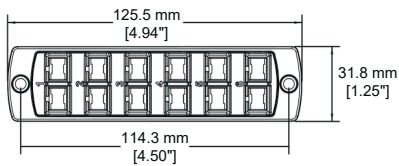
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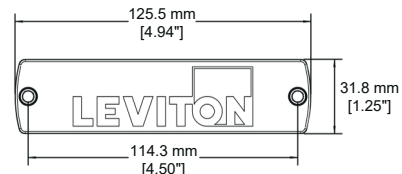
**LC style**



**ST style**



**SC style**



**Blank style**

**PART NUMBERS**

Description	Part No.
Plate (beige), 62.5 µm MM (OM1), Duplex LC, 12-fiber, zirconia ceramic sleeve Plate	5F100-2IL
(aqua), 50 µm LOMM (OM3 & OM4), Duplex LC, 12-fiber, zirconia ceramic sleeve Plate	5F100-2QL
(blue), SM (OS2), Duplex LC, 12-fiber, zirconia ceramic sleeve Plate (green), SM (OS2),	5F100-2LL
Duplex LC/APC, 12-fiber, zirconia ceramic sleeve Plate (beige), 62.5 µm MM (OM1),	5F100-2VL
Quad LC, 24-fiber, zirconia ceramic sleeve Plate (aqua), 50 µm LOMM (OM3 & OM4),	5F100-4IL
Quad LC, 24-fiber, zirconia ceramic sleeve Plate (blue), SM (OS2), Quad LC, 24-fiber,	5F100-4QL
zirconia ceramic sleeve Plate (green), SM (OS2), Quad LC/APC, 24-fiber, zirconia	5F100-4LL
ceramic sleeve Plates (beige), 62.5 µm MM (OM1), Duplex SC, 6-fiber, zirconia ceramic	5F100-4VL
sleeve Plates (aqua), 50 µm MM (OM3 & OM4), Duplex SC, 6-fiber, zirconia ceramic	5F100-6IL
sleeve Plates (blue), SM (OS2), Duplex SC, 6-fiber, zirconia ceramic sleeve Plates	5F100-6QL
(green), SM (OS2), Duplex SC/APC, 6-fiber, zirconia ceramic sleeve Plate (beige), 62.5	5F100-6LL
µm MM (OM1), Duplex SC, 12-fiber, zirconia ceramic sleeve Plate (aqua), 50 µm LOMM	5F100-6VL
(OM3 & OM4), Duplex SC, 12-fiber, zirconia ceramic sleeve Plate (blue), SM (OS2),	5F100-8IL
Duplex SC, 12-fiber, zirconia ceramic sleeve Plate (green), SM (OS2), Duplex SC/APC,	5F100-8QL
12-fiber, zirconia ceramic sleeve Plate (black), ST MM/SM, 6-fiber, zirconia ceramic	5F100-8LL
sleeve Plate (black), ST MM/SM, 8-fiber, zirconia ceramic sleeve Plate (black), blank	5F100-8VL
	5F100-6MT
	5F100-8MT
	5F100-PLT