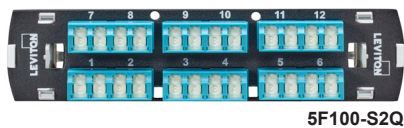


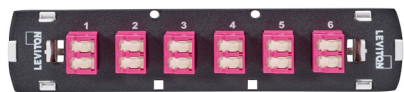
# OPT-X™ SDX Metal Fiber Adapter Plates

## APPLICATION

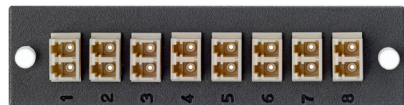
SDX Metal Fiber Adapter Plates work with wall- or rack-mount SDX enclosures and Leviton multimedia adapter brackets. SDX Adapter Plates are available in LC, Shuttered LC, MTP®, and QUICKPORT snap-in connector styles. Leviton SDX Metal Fiber Adapter Plates are used in conjunction with SDX panels or enclosures (rack- or wall-mount) to provide a means to connect backbone to backbone or backbone to horizontal fiber cabling.



5F100-S2Q



5F100-12M



5F100-16P



5F100-6MP



5F100-6QP

## 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 (up to 24 fibers), MTP (up to 8 ports), and QUICKPORT (up to 6 ports). The adapter plate shall be compliant to ANSI/TIA-568.3-E (for performance) and respective ANSI/TIA-604-X (for intermateability) standards. LC Shuttered adapter plates shall use zirconia ceramic sleeves and shall be IP5x-rated compliant with IEC 60529. The metal mounting plates shall be made of 16-gauge steel, powder-coated black.

## WARRANTY INFORMATION

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

## FEATURES & BENEFITS

- Metal adapter plates are available in LC, MTP, and QUICKPORT styles
- Captive push/pull fasteners allow for quick tool-less installation
- LC adapters color identify fiber type
- Patented internal shutters on SDX Shuttered LC Adapter Plates eliminate the need for dust plugs to reduce waste, speed up deployment, and ensure safer installations
- Integrated latching tabs on SDX Shuttered LC Adapter Plates allow for one-handed insertion and removal from SDX enclosures and panels
- MTP adapters available key up to key down or key up to key up

## DESIGN CONSIDERATIONS

- Installs in SDX rack- and wall-mount fiber enclosures
- Phosphor bronze sleeve typically used on OM1 applications
- Zirconia ceramic sleeve typically used on OM3/4 and OS2 applications
- Single-mode APC MTP applications need to be key up to key down adapters
- Visible sequential numbering to identify ports (for Tx & Rx)
- 4RU rack-mount enclosure accommodates up to 15 adapter plates for highest density per RU
- Dust plugs or caps are installed in adapters on final assembly

## STANDARDS & REGULATIONS

- ANSI/TIA-568.3-E Optical Fiber Cabling and Components
- ANSI/TIA-604-5 (MTP), -10A (LC) for Connector Intermateability
- IEC 60529 IP5x dust protection (LC)

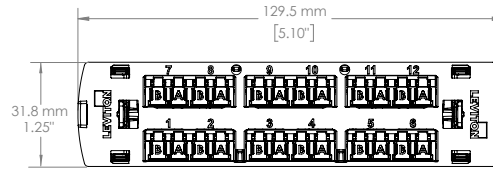
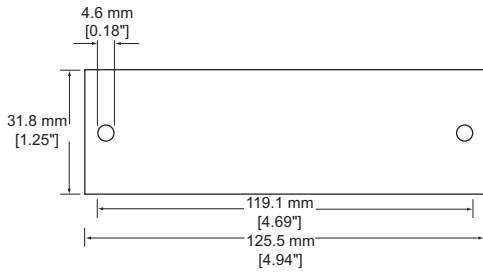
## MECHANICAL SPECIFICATIONS

- Dimensions: See page two
- Materials: Constructed of 16-gauge steel, powder-coated black
- LC Adapter Colors: OM4 – aqua or heather violet  
OM3 – aqua  
OM1 – beige  
OS2/UPC – blue  
OS2/APC – green

- MTP Adapter Colors: Black
- Temp. (Installation): -10 °C to +60 °C (+14 °F to +140 °F)
- Temp. (Operating): -10 °C to +60 °C (+14 °F to +140 °F)

5F100-XXX

**PRODUCT SPECIFICATIONS**  
**5F100-xxx**



**5F100-XXX**

**PART NUMBERS**

Description	Part No.
6-position QUICKPORT™ (black), empty	5F100-6QP
6 simplex MTP® (black) key up/key down	5F100-6MP*
6 simplex MTP (black) key up/key up	5F100-6MB*
8 simplex MTP (black) key up/key down	5F100-8MP*
8 simplex MTP (black) key up/key up	5F100-8MB*
12-Fiber (black), OM4, duplex LC (heather violet), zirconia ceramic sleeve	5F100-12M
16-Fiber (black), OM1 & OM2, duplex LC (beige), phosphor bronze sleeve	5F100-16P
16-Fiber (black), OM3 & OM4, duplex LC (aqua), zirconia ceramic sleeve	5F100-16A
16-Fiber (black), OM4, duplex LC (heather violet), zirconia ceramic sleeve	5F100-16M
16-Fiber (black), OS2, duplex LC (blue), zirconia ceramic sleeve	5F100-16Z
24-Fiber (black), OM4, quad LC (heather violet), zirconia ceramic sleeve	5F100-24M
12-fiber (black), OM1, duplex shuttered LC (beige), zirconia ceramic sleeve	5F100-S2I
12-fiber (black), OM3 & OM4, duplex shuttered LC (aqua), zirconia ceramic sleeve	5F100-S2Q
12-fiber (black), OM4, duplex shuttered LC (heather violet), zirconia ceramic sleeve	5F100-S2M
12-fiber (black), OS2, duplex shuttered LC (blue), zirconia ceramic sleeve	5F100-S2L
12-fiber (black), OS2, duplex shuttered LC/APC (green), zirconia ceramic sleeve	5F100-S2V
24-fiber (black), OM1, quad shuttered LC (beige), zirconia ceramic sleeve	5F100-S4I
24-fiber (black), OM3 & OM4, quad shuttered LC (aqua), zirconia ceramic sleeve	5F100-S4Q
24-fiber (black), OM4, quad shuttered LC (heather violet), zirconia ceramic sleeve	5F100-S4M
24-fiber (black), OS2, quad shuttered LC (blue), zirconia ceramic sleeve	5F100-S4L
24-fiber (black), OS2, quad shuttered LC/APC (green), zirconia ceramic sleeve	5F100-S4V

\*For single-mode application, please use the Key Up/Key Down version.

For further support information, visit [Leviton.com/NS/Support](http://Leviton.com/NS/Support)