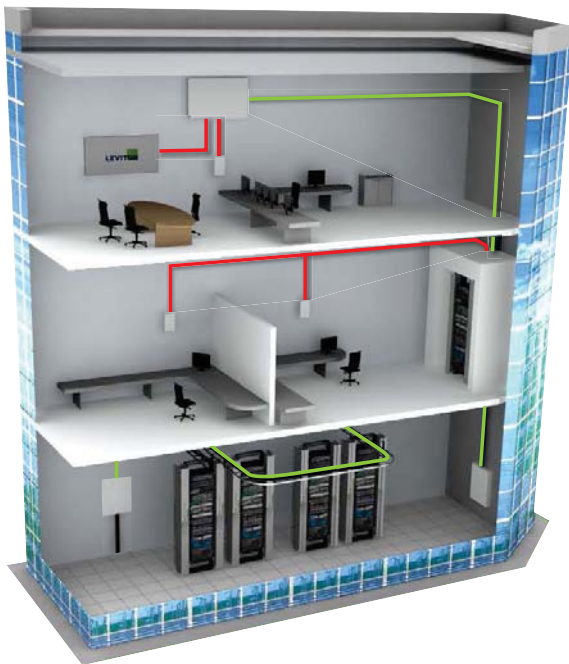


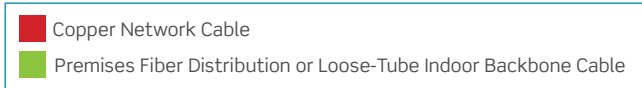
# Selecting the Right Fiber Infrastructure for Your Enterprise Network



Leviton Opt-X<sup>®</sup> SDX enclosures, adapter plates, splice modules, cable assemblies, and accessories offer enhanced connectivity and storage for small data center and enterprise applications. SDX systems work with pre- and field-terminated options to simplify cable routing and organization while supporting fast installations.

Whether deploying an interconnect or cross-connect channel, Leviton components ensure optimal connectivity from the equipment room to the telecom room.

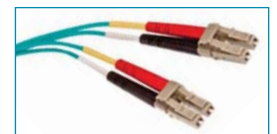
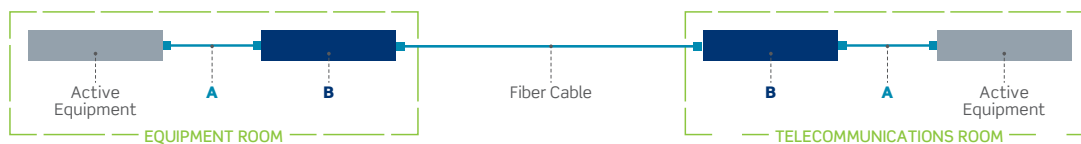
This guide helps you choose the right Leviton connectivity for networks requiring field connector terminations or fusion splicing.



## Assembling the Channel

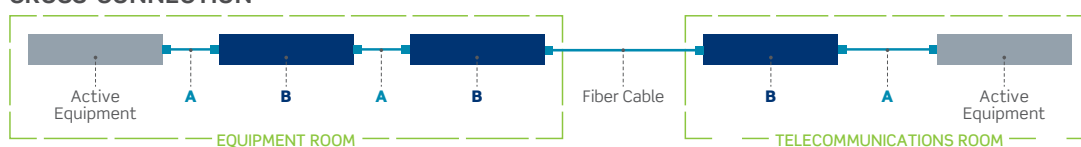
Leviton connectivity solutions complete your interconnect or cross-connect fiber channel. OM3 or OM4 fiber provides a cost-effective solution for distances up to 300 meters (OM3) or 550 meters (OM4) for 10 Gb/s network speeds. For longer distances, OS2 fiber is recommended.

### INTERCONNECTION



**A** = Patch Cord

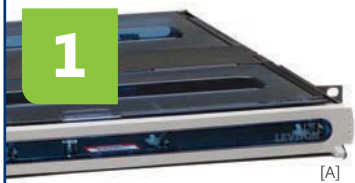
### CROSS-CONNECTION



**B** = Enclosure, Adapter Plates, Pigtails, Splice Trays, and Connectors

# Complete Solution for FIELD CONNECTOR TERMINATION

1



[A]

## Select your Enclosure

From easy-to-install, cost-effective solutions to sleek, high-density installations, Leviton fiber enclosures support any enterprise applications.

2



[B]

## Select Adapter Plates

SDX adapter plates are ideal for infrastructures needing a standard-density solution where space is less critical.

3



[C]

## Select Connectors

FastCAM® and Fast-Cure® LC- and SC-style connectors enable fast termination for quick network deployment.

4



[D]

## Select Patch Cords

Designed to support any interconnect or cross-connect application.

Enclosure Description	Maximum Capacity				Part No.	
	Fibers using LC	Adapter Plates pass-through	AND Splice Trays*	OR Cassettes		
1RU	[A] 2000i SDX, empty, with sliding tray	72	3	3	3	5R1UH-S03
	1000i SDX, empty	72	3	3	3	5R1UM-F03
	1000i SDX, empty, with sliding tray	72	3	3	3	5R1UM-S03
	500i SDX, empty, metal cover/door	72	3	3	3	5R1UL-F03
2RU	2000i SDX, empty, sliding tray	144	6	6	6	5R2UH-S06
	1000i SDX, empty, metal door	144	6	6	6	5R2UM-F06
	1000i SDX, empty, metal door, with sliding tray	144	6	6	6	5R2UM-S06
	500i SDX, empty, metal cover/door	144	6	6	6	5R2UL-F06
3RU	1000i SDX, empty, metal door (vertical adapter/module)	288	12	12	12	5R3UM-F12
	500i SDX, empty, metal cover	288	12	12	12	5R3UL-F12
WALL MOUNT	Mini SDX Enclosure, empty with door, no lock	24	1	—	1	5WMNT-01C
	Small SDX Enclosure, empty with dual door, no lock	48	2	2	2	5WSML-02C
	Medium SDX Enclosure, empty with dual door, no lock	96	4	4	4	5WMED-04C
	Large SDX Enclosure, empty with dual door, no lock	288	12	12	12	5WLRG-12C

\* Max splice tray capacity is dependent on height of splice tray.

Adapter Plate Description	Part No.	
LC	[B] 12-fiber, OM3 & OM4, duplex LC (aqua), zirconia ceramic sleeve	5F100-2QL
	12-fiber, OS2, duplex LC (blue), zirconia ceramic sleeve	5F100-2LL
	24-fiber, OM3 & OM4, quad LC (aqua), zirconia ceramic sleeve	5F100-4QL
	24-fiber, OS2, quad LC (blue), zirconia ceramic sleeve	5F100-4LL
SC	12-fiber, OM3 & OM4, duplex SC (aqua), zirconia ceramic sleeve	5F100-2QC
	12-fiber, OS2, duplex SC, (blue), zirconia ceramic sleeve	5F100-2LC
Blank	5F100-PLT	

Connector Description	Part No.	
LC	Fast-Cure Anaerobic Adhesive, OM3/OM4, with 0.9mm boot	49990-LDL ^
	Fast-Cure Anaerobic Adhesive, OS2, with 0.9mm boot	49990-SDL ^
	[C] FastCAM Pre-Polished, OM3/OM4	49991-LLC
	FastCAM Pre-Polished, OS2	49991-SLC
SC	Fast-Cure Anaerobic Adhesive, OM3/OM4	49990-LSC
	Fast-Cure Anaerobic Adhesive, OS2	49990-SSC
	FastCAM Pre-Polished, OM3/OM4	49991-LSC
	FastCAM Pre-Polished, OS2	49991-SSC

^ = All FastCAM require a precision cleaver and a tool kit.

Fan-Out Kit	Part No.
36" Fiber Optic Fan-out Kit, 6-fiber	49887-06L
36" Fiber Optic Fan-out Kit, 12-fiber	49887-12L

Use with loose-tube cable

Patch Cords Description	Part No.	
LC	OM3, 2M	5LDLC-M02
	OM3, 3M	5LDLC-M03
	[D] OS2, 2M	UPDLC-S02
	OS2, 3M	UPDLC-S03

Patch Cords Description	Part No.	
SC	OM3, 2M	5LDSC-M02
	OM3, 3M	5LDSC-M03
	OS2, 2M	UPDSC-S02
	OS2, 3M	UPDSC-S03

ADDITIONAL CONFIGURATIONS AVAILABLE. CONTACT INSIDE SALES AT (800) 722 2082.

# Complete Solution for FIELD FUSION SPLICING

1



[A]

## Select your Enclosure

From easy-to-install, cost-effective solutions to sleek, high-density installations, Leviton fiber enclosures support any enterprise applications.

2

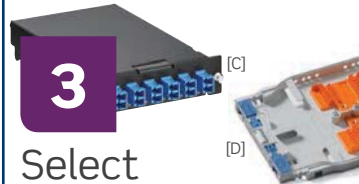


[B]

## Select Adapter Plates

SDX adapter plates are ideal for infrastructures needing a standard-density solution where space is less critical.

3

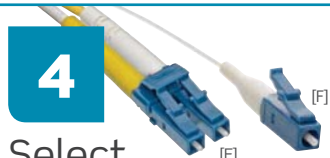


[D]

## Select Splice Modules or Trays

Enable faster field splicing and simple management of pigtails within the housing.

4



[E]

## Select Patch Cords or Pigtails

Designed to support any interconnect or cross-connect application.

Enclosure Description	Maximum Capacity				Part No.	
	Fibers using LC	Adapter Plates pass-through AND	Splice Trays*	or Cassettes		
1RU	2000i SDX, empty, with sliding tray	72	3	3	3	5R1UH-S03
	1000i SDX, empty	72	3	3	3	5R1UM-F03
	1000i SDX, empty, with sliding tray	72	3	3	3	5R1UM-S03
	500i SDX, empty, metal cover/door	72	3	3	3	5R1UL-F03
2RU	2000i SDX, empty, sliding tray	144	6	6	6	5R2UH-S06
	[A] 1000i SDX, empty, metal door	144	6	6	6	5R2UM-F06
	1000i SDX, empty, metal door, with sliding tray	144	6	6	6	5R2UM-S06
	500i SDX, empty, metal cover/door	144	6	6	6	5R2UL-F06
3RU	1000i SDX, empty, metal door (vertical adapter/module)	288	12	12	12	5R3UM-F12
	500i SDX, empty, metal cover	288	12	12	12	5R3UL-F12
WALL MOUNT	Mini SDX Enclosure, empty with door, no lock	24	1	**	1	5WMNT-01C
	Small SDX Enclosure, empty with dual door, no lock	48	2	2	2	5WSML-02C
	Medium SDX Enclosure, empty with dual door, no lock	96	4	4	4	5WMED-04C
	Large SDX Enclosure, empty with dual door, no lock	288	12	12	12	5WLRG-12C

\* Max splice tray capacity is dependent on height of splice tray.  
\*\* Up to 24F splicing available

Adapter Plate Description		Part No.
LC	12-fiber, OM3 & OM4, duplex LC (aqua), zirconia ceramic sleeve	5F100-2QL
	[B] 12-fiber, OS2, duplex LC (blue), zirconia ceramic sleeve	5F100-2LL
	24-fiber, OM3 & OM4, quad LC (aqua), zirconia ceramic sleeve	5F100-4QL
	24-fiber, OS2, quad LC (blue), zirconia ceramic sleeve	5F100-4LL
SC	12-fiber, OM3 & OM4, duplex SC (aqua), zirconia ceramic sleeve	5F100-2QC
	12-fiber, OS2, duplex SC, (blue), zirconia ceramic sleeve	5F100-2LC
Blank		5F100-PLT

Fiber Splice Modules Description	Part No.
12-Fiber, OM3, LC Splice Module (includes splice sleeves)	SPLCS-12A
[C] 12-Fiber, OS2, LC Splice Module (includes splice sleeves)	SPLCS-12L
12-Fiber, OM3, SC Splice Module (includes splice sleeves)	SPSCS-12A
12-Fiber, OS2, SC Splice Module (includes splice sleeves)	SPSCS-12L

Precision-Molded Splice Trays Description	Part No.
12-Fiber Mini, 3.74" x 5.59" x 0.56" (includes splice sleeves)	T5PLS-12F
[D] 24-Fiber High-Density, 4.5" x 7.63" x 0.50" (includes splice sleeves)	T5PLS-24F

Patch Cords Description	2M	3M	
LC	OM3	5LDLC-M02	5LDLC-M03
	[E] OS2	UPDLC-S02	UPDLC-S03
SC	OM3	5LDSC-M02	5LDSC-M03
	OS2	UPDSC-S02	UPDSC-S03

Pigtails Description	Part No.	
LC	OM3, 3M	5LPLC-M03
	Kit, OM3, 3M, 12 Colors	5LPLC-KIT
	[F] OS2, 3M	UPPLC-S03
	Kit, OS2, 3M, 12 Colors	UPPLC-KIT
SC	OM3, 3M	5LPSC-M03
	OS2, 3M	UPPSC-S03

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