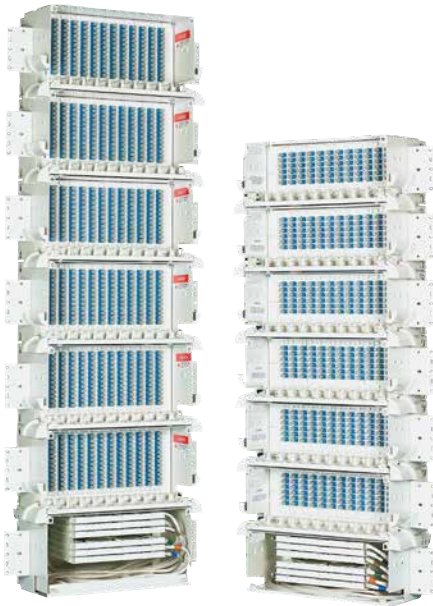




LGX® Fiber Optic Shelves (Lightguide Cross-Connect)

High-Density Frame Mount Fiber Access Units



Large Combination Units

Features & Benefits

- Rapid Field Installation
- Allows for Direct Cable Feed When Applicable
- On Frame Splicing
- Indoor/Outdoor Fiber Management
- Use in controlled environments or OSP cabinets
- Universal frame/wall mount brackets included
- Fiber Management Rings Included
- Front and rear door access
- Key Lock Door Available

- Combine 7, and 9 inch high shelves
- Fiber Jumper Management

Attributes

- 5" up to 74" H
- 17" W x 11.5" D
- Frame Mount in 23" or 19"
- Weight Dependant on Configuration
- Aluminium alloy sheet 0.09" (2.28 mm) thick
- Powder Coated Paint

Product Description

The OFS LGX® Combination Shelves are the original optical fiber frame solution. Customize your installation with this fast installation design. These units are a combination of 7" or 9" Termination Shelves with splice units and fanouts installed. Ask OFS to create your custom configuration from as small as 12 fibers up to our grand 864 fiber solution. All combination units are factory assembled allowing a rapid installation. Direct splicing in single or mass fusion configurations are available. Select from existing designs or work with your local representative for a customized solution.

The LGX Combination Unit is a versatile system of optical cable management boxes, which can be configured in many ways. Mix and match adapter panels to configure your system with LC, SC or ST type adapters. The pre-assembled system allows for rapid frame mounting, the elimination of a cable entry transition box (proper fire ratings must apply) and removes infield assembly work. Contact OFS to help with pre-assembled configurations which speed installation time.



LGX® Fiber Optic Shelves (Lightguide Cross-Connect) High-Density Frame Mount Fiber Access Units

Combination Shelf SMART Coding Scheme

Example: **LSC2W-012-05-WHT-SCU-LTIB-FF-PT** : LSC, UMA adapters, AllWave Flex ZWP Single-Mode Fiber, 12 Fibers, 5-inch shelf height, white shelf, SCU connectors, equipped with LTIB splice tray, single fusion pigtails

Part Number: **LSC a b - ccc - dd - eee - ffff - gggg - hh - ii**
SMART Code syntax above has spaces between field sets for visibility. Actual SMART Code should not include any spacing but should include indicated dashes.

a = Adapter Type

- 0 = None
- 1 = Standard 1-piece
- 2 = Universal Modular Adapter (UMA)

b = Fiber Type

- B = Blue Tiger™ Single-Mode Optical Fiber
- W = AllWave® FLEX ZWP Single-Mode Optical Fiber
- A = AllWave ZWP Single-Mode Optical Fiber
- M = 50 μm Multimode Optical Fiber
- L = 62.5 μm Multimode Optical Fiber
- I = Laser Optimized 62.5 μm Multimode Optical Fiber
- Fiber
 - G = LaserWave® G+ Multimode Optical Fiber
 - Z = LaserWave 300 Multimode Optical Fiber
 - F = LaserWave 500 Multimode Optical Fiber
 - E = LaserWave 600 Multimode Optical Fiber
 - T = TrueWave® Multimode Optical Fiber

ccc = Fiber Count

dd = Shelf Height (in inches)

eee = Shelf Color

- WHT = White
- BLK = Black

ffff = Connector Type

- LCA = LC Angle Polish
- LCU40 = LC Angle Polish 40° Boot
- LCA40 = LC Ultra Polish 40° Boot
- LCU = LC Ultra Polish
- SCA = SC Angle Polish
- SCU = SC Ultra Polish
- STP = ST2 Pull Proof
- FCA = FC Angle Polish
- FCU = FC Ultra Polish
- UNC = UNConnectorized

gggg = Splice Tray

- LTIB = Equipped with Tray
- Blank = No Tray

hh = Fusion Type

- FF = Single Fusion
- MF = Mass Fusion

ii = Fiber Construction

- PT = Pigtail
- FO = Fanout (ribbon)

Blank Shelves - Ordering Information

Description	Comcode
LSC00-024-05-WHT SHELF	106455355
LSC00-024-05-WHT-LTIB-FF	300399276
LSC00-024-05-WHT-LTIB-FF	300519279
LSC00-072-12-WHT SHELF	105335822
LSC00-072-12-WHT-(1)-LTIB-MF	300517232
LSC00-144-14-WHTSHELF	300447125
LSC00-144-21-WHT SHELF	105335798



12" LC Combo Unit



5" Empty Combo Unit

Shelves with Standard 1-Piece Adapters Ordering Information

Description	Comcode
LSCIL-048-12-WHT-LCU-LTIB-FF-PT	300503208
LSCIL-048-12-WHT-SCU-LTIB-FF-PT	300558558
LSCIL-288-25-WHT-LCU-LTIB-MF-FO	300399060
LSCIM-012-05-WHT-SCU(MM)	300497641
LSCIM-048-12-WHT-SCU-LTIB-FF-PT	300499191
LSCIS-012-05-WHT-FCU-LTIB-FF(SM/MM)	300565702
LSCIS-024-05-WHT-FCU(SM/MM)	300467495
LSCIS-024-05-WHT-FCU-LTIB-FF(SM/MM)	300551082
LSCIS-024-05-WHT-LCU(SM)	300537529
LSCIS-024-05-WHT-SCU(SM)	300506813
LSCIS-144-14-WHT-SCU-LTIB-FF	300533445
LSCIS-144-21-WHT-SCU-LTIB-FF	108248303
LSCIW/L-24/12-12-WHT-SCU-LTIB-FF-PT	300558541
LSCIW-006-05-WHT-SCA-LTIB-FF-PT	300523743
LSCIW-012-05-WHT-LCU-LTIB-FF-PT	300468071
LSCIW-012-12-WHT-STP-LTIB-FF-PT	300432689
LSCIW-024-05-WHT-FCU-LTIB-FF-PT	300497872
LSCIW-024-05-WHT-LCU-LTIB-FF-PTw/SS	300444973
LSCIW-024-05-WHT-LCU-LTIB-MF-FO	109165704
LSCIW-024-05-WHT-SCU-LTIB-FF-PT	300525300
LSCIW-024-05-WHT-STP-LTIB-FF-PT	300530540
LSCIW-024-16-WHT-LCA-LTIB-FF-PT	300473485
LSCIW-048-05-WHT-LCU-LTIB-MF-FO	109083451
LSCIW-048-12-WHT-LCU-LTIB-MF-FO	109165712
LSCIW-048-12-WHT-SCU-LTIB-FF-PT	300529906
LSCIW-072-12-WHT-LCU-LTIB-MF-FO	109165720
LSCIW-072-12-WHT-SCU-LTIB-FF-PT	300529021
LSCIW-072-12-WHT-STP-LTIB-FF-PT	300432671
LSCIW-096-12-WHT-SCU-LTIB-FF-PT	300537503
LSCIW-120-14-WHT-SCU-LTIB-FF-PT	300553179
LSCIW-144-14-WHT-LCU-LTIB-MF-FO	109080887
LSCIW-144-14-WHT-LCU-LTIB-MF-FO	300505690
LSCIW-144-14-WHT-SCU-LTIB-FF-PT	300558434
LSCIW-144-19-WHT-SCU-LTIB-MF-FO	300521150
LSCIW-288-23-WHT-LCU-LTIB-MF-FO	300484946
LSCIW-288-25-WHT-LCA-LTIB-FF-FO	300536448
LSCIW-288-25-WHT-LCU-LTIB-MF-FO	300399045
LSCIW-432-41-WHT-LCU-LTIB-MF-FO	300446408
LSCIW-432-49-WHT-SCU-LTIB-MF-FO	300567187
LSCIW-432-51-WHT-LCU-LTIB-MF-FO	109031484
LSCIW-432-51-WHT-LCU-LTIB-MF-FO	300432754
LSCIW-864-63-WHT-LCU-LTIB-MF-FO	109031245
LSCIW-864-74-WHT-LCA-LTIB-FF-FO	300386943
LSCIW-864-74-WHT-LCU-LTIB-FF-FO	300525482

Shelves with Universal Modular Adapters (UMA) Ordering Information

Description	Comcode
LSC2L-288-25-WHT-SCU-LTIB-MF-FO	300399052
LSC2S-012-05-WHT-SCU(SM)	300503091
LSC2S-024-05-WHT-SCA(SM)	300528346
LSC2S-024-05-WHT-SCU(SM)	300447117
LSC2S-024-05-WHT-SCUKITOPARTS	109177188
LSC2S-024-05-WHT-SCU-LTIB-FF	108248287
LSC2S-024-05-WHT-STUKITOPARTS	109177170
LSC2S-048-12-WHT-SCA(SM)	300528361
LSC2S-048-12-WHT-SCU(SM)	300528353
LSC2S-048-12-WHT-SCU-LTIB-FF	300517240
LSC2S-072-12-WHT-SCU-LTIB-FF	108248295
LSC2W-012-05-WHT-SCA-LTIB-FF-PT	300495785
LSC2W-012-05-WHT-SCU-LTIB-FF-PT	300439080
LSC2W-012-05-WHT-STU-LTIB-FF-12PT(-6CAPS)	107075004
LSC2W-024-05-WHT-SCA-LTIB-FF-PT	300530854
LSC2W-024-05-WHT-SCU-LTIB-FF-FO	300431640
LSC2W-024-05-WHT-SCU-LTIB-FF-PT	300439775
LSC2W-024-05-WHT-SCU-LTIB-FF-PT	300513074
LSC2W-024-05-WHT-SCU-LTIB-FF-PT(60INBF)	300474848
LSC2W-024-05-WHT-SCU-LTIB-MF-FO	108844382
LSC2W-024-12-WHT-SCU-LTIB-FF-FO	300423571
LSC2W-024-12-WHT-SCU-LTIB-FF-PT	300540713
LSC2W-024-12-WHT-SCU-LTIB-MF-FO	300411253
LSC2W-036-12-WHT-SCU-LTIB-FF-PT	300426236
LSC2W-048-12-WHT-SCA-LTIB-FF-PT	300530862
LSC2W-048-12-WHT-SCA-LTIB-MF-FO	300461720
LSC2W-048-12-WHT-SCU-LTIB-FF-FO	300423590
LSC2W-048-12-WHT-SCU-LTIB-FF-FO,lpkss	300421120
LSC2W-048-12-WHT-SCU-LTIB-FF-PT	300514098
LSC2W-048-12-WHT-SCU-LTIB-MF-FO	300411246

Shelves with UMAs Continued

Description	Comcode
LSC2W-060-12-WHT-SCU-LTIB-FF-FO	300435815
LSC2W-072-12-WHT-SCA-LTIB-FF-FO	300414075
LSC2W-072-12-WHT-SCU-LTIB-FF-FO	300423591
LSC2W-072-12-WHT-SCU-LTIB-FF-FO,2pkSS	300421138
LSC2W-072-12-WHT-SCU-LTIB-FF-PT	300441359
LSC2W-072-12-WHT-SCU-LTIB-MF-FO	108851965
LSC2W-096-12-WHT-SCU-LTIB-FF-FO	300426913
LSC2W-096-12-WHT-SCU-LTIB-FF-PT	300440757
LSC2W-096-12-WHT-SCU-LTIB-MF-FO	109136135
LSC2W-096-16-WHT-SCU-LTIB-FF-PT	300517851
LSC2W-120-14-WHT-SCU-LTIB-FF-FO	300435823
LSC2W-144-14-WHT-SCA-LTIB-FF-PT	300491800
LSC2W-144-14-WHT-SCU-LTIB-FFFO,3pkSS	300421146
LSC2W-144-14-WHT-SCU-LTIB-FF-PT	300468402
LSC2W-144-14-WHT-SCU-LTIB-MF-FO	108949322
LSC2W-144-21-WHT-SCU-LTIB-MF-FO	300519519
LSC2W-168-21-WHT-SCU-LTIB-FF-FO	300439072
LSC2W-192-23-WHT-SCU-LTIB-FF-FO	300420254
LSC2W-216-28-WHT-SCU-LTIB-MF-FO	300386901
LSC2W-288-25-WHT-SCA-LTIB-FF-FO	300410305
LSC2W-288-25-WHT-SCU-LTIB-MF-FO	300399037
LSC2W-288-27-WHT-SCU-LTIB-FF-FO	300459369
LSC2W-300-53-WHT-SCA-LTIB-FF-FO	300414133
LSC2W-432-49-WHT-SCU-LTIB-MF-FO	108298829
LSC2W-432-52-WHT-SCA-LTIB-FF-FO	300467891
LSC2W-432-56-WHT-SCA-LTIB-FF-FO	300431095
LSC2W-456-54-WHT-SCA-LTIB-FF-FO	300467909
LSC2W-576-54-WHT-SCA-LTIB-FF-FO	300459377
LSC2W-864-63-WHT-SCU-LTIB-MF-FO	108617481

Base Components



For additional information please contact your sales representative.

You can also visit our website at www.ofsoptics.com
or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.



Copyright © 2023 OFS Fitel, LLC.
All rights reserved, printed in USA.

OFS Marketing Communications
DOC ID: fap-243 Date: 12/23

For a full list of
our certifications,
visit our website.



AllWave, LaserWave, LGX, and TrueWave are registered trademarks and Blue Tiger is a trademark of OFS Fitel, LLC. OFS reserves the right to make changes to the prices and product(s) described in this document at any time without notice. This document is for informational purposes only and is not intended to modify or supplement any OFS warranties or specifications relating to any of its products or services.