

1U Shelves: Fixed & Sliding

1U S-LIU/F-LIU



A Furukawa Company

Efficient Connection Management that Helps You Save on Maintenance and Replacement Costs

Product Description

One of the best ways to save time and money is to manage your cable resources efficiently. The OFS 1U Series Combination Shelves help you do just that. By using these shelves to terminate and splice fibers, you can rearrange networks quickly and keep track of your fiber resources. Efficient fiber management also helps save on maintenance and replacement costs.

The 1U Series Combination Shelves house 24 ST®, 24 SC, or 48 LC terminations. The versatile design can accommodate 24 mechanical splices, 48 single fusion splices, or 18 ribbon (mass fusion) splices using optional splice organizers. The shelves measure 17.0 inches (43.18 cm) wide by 8.0 inches (20.32 cm) deep by 1.72 inches (4.37 cm) high.

The 1U Series Shelves are available in either a fixed mounted frame configuration (1U F-LIU) or a slide-out version (1U S-LIU). Each shelf features common parts throughout the assembly. The 1U S-LIU utilizes easy glide ball bearing slide rails for smooth pullout and push in with a positive stop feature.

Features and Benefits:

- Slim 1 unit mounting height (1U rack space)
- Front-mounted jumper management
- Fits 19", 23", or ETSI frames
- Can manage both splices and terminations

Common Features:

- Preassembled shelves in multiple configurations
- OFS ganged adapter sets maximize footprint
- Includes adapter panels for 48 LC, 24 SC or 24 ST terminations
- 19-inch frame mounting
- Fits 1U rack space (1.72" h x 17" w x 8" d)
- Mounting bracket available for ETSI frames
- Clear plastic shelf cover protects fibers
- Two 3" fiber spools
- One compression grommet
- Labels
- Optional extender brackets for 23" frame

1U S-LIU Unique Features:

- Ball bearing slide rails
- Integrated front trough
- Integrated front trough cover



1U S-LIU Shelf
(Trough Cover Removed)



1U S-LIU Shelf with Trough Cover
(Compression Grommet Shown)

Mounting the Splice Tray Bracket

To correctly mount the splice tray bracket, simply place the bracket in between the bracket retainers and turn clock-wise until locked into position as shown (short splice bracket depicted (300522042)).



Locking the splice tray bracket



Splice Tray Bracket Locked Position

Ordering Information

1U Fixed Shelf^{1, 2, 3}

Description	Comcode
1U F-LIU Empty	300470671
1U F-LIU LC12 Aqua	300518370
1U F-LIU LC12 Beige	300522281
1U F-LIU LC24 Aqua	300485216
1U F-LIU LC24 Beige	300522273
1U F-LIU LC36 Aqua	300529922
1U F-LIU LC48 Aqua	300470820
1U F-LIU LC48 Beige	300470838
1U F-LIU SC06 Aqua	300513835
1U F-LIU SC12 Aqua	300483161
1U F-LIU SC12 Beige	300515483
1U F-LIU SC12 Blue	300525391
1U F-LIU SC24 Aqua	300470853
1U F-LIU SC24 Beige	300470879
1U F-LIU SC24 Blue	300470887
1U F-LIU ST24 Blue	300470937
1U F-LIU Empty w trough/cover	301020848
1U F-LIU SC12 Aqua w trough/cover	301013207
1U F-LIU SC12 Aqua w trough/cover/splice	301020855

¹ Additional configurations available upon request including fully loaded shelves with pigtails (PT) and splice trays (FF). Splice trays are included when pigtails are ordered. Angled ganged adapters in green are also available

² Colors used in ordering information reflect the following:

- Blue is single-mode
- Beige is 62.5 μm multimode
- Aqua is LaserWave® multimode
- Green is single-mode with angled connector

³ The fixed shelf doesn't come with a trough and cover unless specified. The trough and cover can be ordered separately (300478278)

⁴ QT codes (nnnnnnnn-QT) are in QuickTurn Inventory. Codes without the QT designation (standard stock) are available as well

1U Sliding Shelf^{1, 2}

Description	Comcode ⁴
1U S-LIU Empty	300464633-QT
1U S-LIU LC12 Blue	300537099
1U S-LIU LC12 Blue PT	300524097
1U S-LIU LC24 Aqua	300485224
1U S-LIU LC12/LC12 Blue/Aqua	300546595
1U S-LIU LC24/SC12 Blue/Beige	300470895
1U S-LIU LC24/SC12 Beige/Beige	300470754
1U S-LIU LC48 Aqua	300470630
1U S-LIU LC48 Beige	300470705
1U S-LIU LC48 Blue	300470713
1U S-LIU SC06 Blue	300512076
1U S-LIU SC06 Blue PT	300473808
1U S-LIU SC06/SC06 Blue/Beige PT	300531829
1U S-LIU SC06 Green PT	300517729
1U S-LIU SC12 Aqua	300483153
1U S-LIU SC12 Blue	300503307
1U S-LIU SC12 Blue PT	300523784-QT
1U S-LIU SC12 Green	300528627
1U S-LIU SC12 Green PT	300514718-QT
1U S-LIU SC12/SC12 Aqua/Blue	300470812
1U S-LIU SC12/SC12 Beige/Blue	300470762
1U S-LIU SC18 Blue	300517620
1U S-LIU SC24 Aqua	300470721
1U S-LIU SC24 Beige	300470739
1U S-LIU SC24 Blue	300470747-QT
1U S-LIU SC24 Blue PT	300472156-QT
1U S-LIU SC24 Green PT	300533098-QT
1U S-LIU ST06 Blue PT	300539988
1U S-LIU ST24 Blue PT	300556420
1U S-LIU ST12 Blue	300478112
1U S-LIU ST12 Blue PT	300524212-QT
1U S-LIU ST24 Aqua	300531233
1U S-LIU ST24 Beige	300470788
1U S-LIU ST24 Blue	300470804



1U F-LIU SC24 Blue Shelf
(3 Splice Tray Bracket Shown)



1U F-LIU SC24 Blue Shelf
(Splice Trays Shown)

1U Shelf for Cell Towers

Description	Comcode
1U Splice Tray/Chip/Holder w/Cover	301014866
1U-S-LIU-SCI2PT/SCI2PT-BL/AQ	301010013
1U-S-LIU-SCI2PT/SCI2-BL/AQ	301010021
1U AFL Splice Chip	301011797
1U Splice Tray/Holder w/Cover	301011805



1U Shelf for Cell Towers

Ganged Adapters

Description	Product Code	Comcode
LC Ganged Adapters		
Adapter 12 Port Multimode LC Single Pack	C12MMLC-1	300395878
Adapter 12 Port Multimode LC 10 Pack	C12MMLC-10PK, COUPLNG	108918467
Adapter 12 Port Multimode LC 20 Pack	C12MMLC-20PK	300472818
Adapter 12 Port LaserWave Multimode LC Single Pack	C12MMLC-LS-1	300395829
Adapter 12 Port LaserWave Multimode LC 10 Pack	C12MMLC-LS-10PK, COUPLING	108911009
Adapter 12 Port LaserWave Multimode LC 20 Pack	C12MMLC-LS-20PK	300472826
Adapter 12 Single-Mode LC Single Pack	C12SMLC-1 LC	300397841
Adapter 12 Port Single-Mode LC 10 Pack	C12SMLC-10PK, LC	108168832
Adapter 12 Port Single-Mode Zirconia Sleeve LC 10 Pack	C12SMLC-Z-10PK	300472842
Adapter 12 Port Single-Mode Zirconia Sleeve LC 20 Pack	C12SMLC-Z-20PK	300472859
Adapter 12 Port Single-Mode LCA Single Pack	C12APLC-1	108134367
Adapter 12 Port Single-Mode LCA 10 Pack	C12APLC-10PK	108232570
SC Ganged Adapters		
Adapter 6 Port Multimode SC Single Pack	C6MMSC-1	300395852
Adapter 6 Port Multimode SC 10 Pack	C6MMSC-10PK	108168774
Adapter 6 Port Multimode SC 10 Pack Coupling	C6MMSC-10PK COUPLING	108918442
Adapter 6 Port Multimode SC 20 Pack Coupling	C6MMSC-20PK COUPLING	300472768
Adapter 6 Port LaserWave Multimode SC Single Pack	C6MMSC-LS-1	300395837
Adapter 6 Port LaserWave Multimode SC 10 Pack	C6MMSC-LS-10PK	108911413
Adapter 6 Port LaserWave Multimode SC 20 Pack	C6MMSC-LS-20PK	300472776
Adapter 6 Single-Mode SC Single Pack	C6SMSC-1	300397866
Adapter 6 Port Single-Mode SC 10 Pack	C6SMSC-10PK	108168782
Adapter 6 Port Single-Mode SCA 10 Pack	C6APSC-10PK	108168790
ST Ganged Adapters		
Adapter 6 Port Multimode ST Single Pack	C6MMST-1	300395860
Adapter 6 Port Multimode ST 10 Pack	C6MMST-10PK	108918459
Adapter 6 Port Multimode ST 20 Pack	C6MMST-20PK	300472784
Adapter 6 Port LaserWave Multimode ST Single Pack	C6MMST-LS-1	300395845
Adapter 6 Port LaserWave Multimode ST 10 Pack	C6MMST-LS-10PK	300442696
Adapter 6 Port LaserWave Multimode ST 20 Pack	C6MMST-LS-20PK	300472792
Adapter 6 Single-Mode ST Single Pack	C6SMST-1	300397858
Adapter 6 Port Single-Mode ST 10 Pack	C6SMST-10PK	108168816
ST-SC Ganged Adapters		
Adapter 6 Port Multimode ST Base/SC Cap Single Pack	C6MMSTSC-1	108058058
Adapter 6 Port Single-Mode ST Base/SC Cap Single Pack	C6SMSTSC-1	108058066
Adapter 6 Port Single-Mode ST Base/SC Cap 20 Pack	C6SMSTSC-Z-20	300545670

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LC Single-Mode Ganged Adapter



SC Multimode Ganged Adapter



ST Single-Mode Ganged Adapter

Ganged Adapters (continued)

Description	Product Code	Comcode
SC-ST Ganged Adapters		
Adapter 6 Port Multimode SC Base/ST Cap Single Pack	C6MMSCST-1	108057936
Adapter 6 Port Single-Mode SC Base/ST Cap Single Pack	C6SMSCST-1	108057977
Hybrid ST Base/SC Cap		
C6MMSTSC-1 Adapter Strip Single Pack	C6MMSTSC-1	108058058
C6SMSTSC-1 Adapter Strip Single Pack	C6SMSTSC-1	108058066
C6MMSCST-1 Adapter Strip Single Pack	C6MMSCST-1	108057936
C6SMSCST-1 Adapter Strip Single Pack	C6SMSCST-1	108057977
Zirconia Sleeves for Adapters/Zirconia Adapters		
Adapter 6 Single-Mode ST Zirconia Single Pack	C6SMST-Z-1	300472891
Adapter 6 Single-Mode SC Zirconia 10 Pack	C6SMSC-10PK-W/ZIRCONIA	300472875
Adapter 6 Single-Mode SC Zirconia 20 Pack	C6SMSC-20PK-W/ZIRCONIA	300472883
Adapter 6 Single-Mode ST Zirconia 10 Pack	C6SMST-10PK-W/ZIRCONIA	300472917
Adapter 6 Single-Mode ST Zirconia 20 Pack	C6SMST-20PK-W/ZIRCONIA	300472925

Accessories

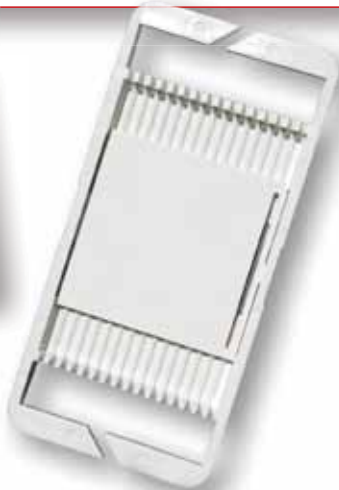
Description	Comcode
1U/2U Blank Cap (Black) 5 pack	300487113
1U/2U Short Splice Bracket	300522042
1U/2U Grommet Kit, 3/4" Cable Clamp	300532710
1U F Faceplate	300478260
1U S Faceplate and Trough ¹	300478278
Mass Fusion (18) Holder Kit of (3) 6 per Holder	300470689
Splice Single-Fusion Clip w/3 Holders	300496155
Short Splice Tray Bracket	300522042
12A1 Clamp ²	104384490
12A2 Clamp ²	106230337
1U and 2U Extension for shelf to 23 inches	301010922

¹ A300478278 faceplate and trough can be adapted as an offering for fixed shelves.

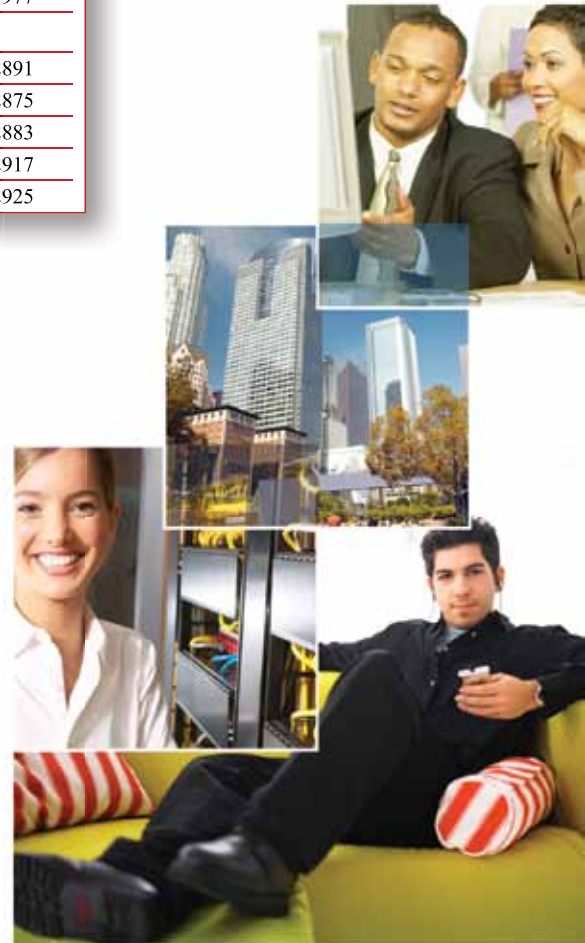
² 12A clamps are used to clamp the cable to the frame not the shelf.



Mass Fusion Holder



Single Fusion Holder



Use electronic files, available at:
www.ofsoptics.com - Use less paper

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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) from inside the USA or 1-770-798-5555 from outside the USA.

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 Marketing Communications
 fap-221-0310



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