

# Optical Splice Enclosure (OSE) Ultra-High Density

CORNING

## Overview

Corning universal optical splice enclosures (OSE) are designed to manage the transition between outside plant cables and fire-retardant indoor riser cables in fiber optic networks. These rugged and versatile enclosures are ideal for use in equipment rooms, splicing vaults or building entrance terminals in CATV, telco or private network environments. The universal OSEs were designed with flexibility in mind. The universal OSE was also designed to provide excellent fiber management. Throughout the cabinet, large routing and guide plates and large routing clips along the walls organize and separate stored fiber and fiber entering the splice trays. Each universal OSE features a full range of capabilities for wall, 23-in rack and T-slot mounting. The T-slot mounting hardware allows for both horizontal and vertical mounting and enables tight, side-by-side mounting arrangements. In addition, universal OSEs are especially well-suited for installations that require pre-connectorized cable assemblies or stubbed optical patch panels. In these installations, the universal OSE can actually replace the rack-mounted splice unit typically required.

## Features and Benefits

Removable top plate includes multiple cable size and count options.

Internal routing and guide plates and routing clips provide excellent fiber management

Multiple splice tray options are available, refer to the specifications below

OSE-UD Part Numbers support up to 5,184 single-fiber splice or 6,912 ribbon splice, space for 48 OSE splice trays

**Locking option for additional security**  
Save time, reduces risk



Front view, door open/closed



Internal view of the splice tray stator

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Top view of the cable input panel



Internal view of the splice tray stator

## Specifications

General Specifications	
Mounting Type	Wall-Mountable, Rack 23-in
Product Type	Wall-Mountable Hardware
Application	Carrier Networks, CATV Environments, Customer premises environments

Design Elements	
Splice Tray Part Number	OSE-ST-3-TQ (RBN)
Splice Tray Information	Splice Tray has (12) splice slots or (144) 12F Ribbon capacity. OSE-UD Part Numbers have capacity for (48) Splice Trays
Splice Tray Part Number	OSE-ST-9 (Single)
Splice Tray Information	Splice Tray has (12) splice slots or (108) single fiber splices. OSE-UD Part Numbers have capacity for (48) Splice Trays
Total Splice Capacity	5184 single-fiber splices or 6912 mass fusion splices
Cable Entry at Top	40 (1.375 in) 8 (1.750 in)
Locking Availability	Yes

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Dimensions	
H x W x D	148.1 x 53.9 x 32.3 cm (58.3 x 21.2 x 12.7 in)
Shipping Weight	34 kg
Units per Delivery	1/1

## Ordering Information

Product Number	Product Description
OSE-UD0-00-3	Optical Splice Enclosure, Ultra Density, .5-Inch Tray Stacker, Ultra Density Entry Plate, No Lock
OSE-UD0-00-3-L	Optical Splice Enclosure, Ultra Density, .5-Inch Tray Stacker, Ultra Density Entry Plate, Lockable
OSE-UD0-W0-3	Optical Splice Enclosure, Ultra Density, .5-Inch Tray Stacker, Workshelf, No Lock
OSE-UD0-W0-3-L	Optical Splice Enclosure, Ultra Density, .5-Inch Tray Stacker, Workshelf, Lockable

Cable Entry Kit Part Numbers				
Part Numbers	Fiber Count	Heat Shrink Tube	Field Furcation Kit	L-Bracket and Heat Shrink Tube
OSE-CBL-L1	<96 Fibers	0.75-in expanded ID, 0.25-in recovered ID	N/A	14 mm max, 8 mm min
OSE-CBL-L2	96 and 192 fibers	1.00-in expanded ID, 0.32-in recovered ID	HFC-FURC-KIT-C	23 mm max, 13 mm min
OSE-CBL-L3	864 fibers	1.50-in expanded ID, 0.51-in recovered ID	HFC-FURC-KIT-A	38 mm max, 23 mm min
OSE-CBL-L3	1728 fibers	1.50-in expanded ID, 0.51-in recovered ID	HFC-FURC-KIT-E (1 each for 1728-fiber)	38 mm max, 23 mm min
OSE-CBL-L3	3456 fibers	1.50-in expanded ID, 0.51-in recovered ID	HFC-FURC-KIT-E (2 each for 3456-fiber)	38 mm max, 23 mm min

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Standard Recommended Procedure	Description
<a href="#">SRP 003-1032-AEN</a>	Ultra-Density Optical Splice Enclosure
<a href="#">SRP 003-1036-AEN</a>	Cable Entry Kit for OSE-UD
<a href="#">SRP 004-277-AEN</a>	Furcation of a Central Tube Ribbon, Gel-Free, Non-Armored, 96- to 192-Fiber Cable into an OSE-UD
<a href="#">SRP-004-278-AEN</a>	Furcation of a Central Tube Ribbon, Gel-Free, Non-Armored, 864-Fiber Cable into an OSE-UD



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