

4/8-FIBER SPLICE & PATCH OUTDOOR/IP65 WALL-MOUNT ENCLOSURE

PDS-0250



DESCRIPTION

Wirewerks' 4/8-Fiber Splice & Patch Outdoor-IP65 Wall-Mount Enclosure is a rugged, wall-mount enclosure typically used to house the demarcation/interconnection point between the network provider's OSP cables and customer premise fibers in fiber-to-the-premise (FTTP) applications.

The **4/8-Fiber Splice & Patch Enclosure** is injection-molded using high-impact ABS thermoplastic to form an IP65-rated enclosure engineered to withstand four-season outdoor environments. The **4/8-Fiber Splice & Patch Enclosure's** compact footprint makes it easy to position and install, and its technician-friendly, feature-rich design contributes to fast, reliable field installations.

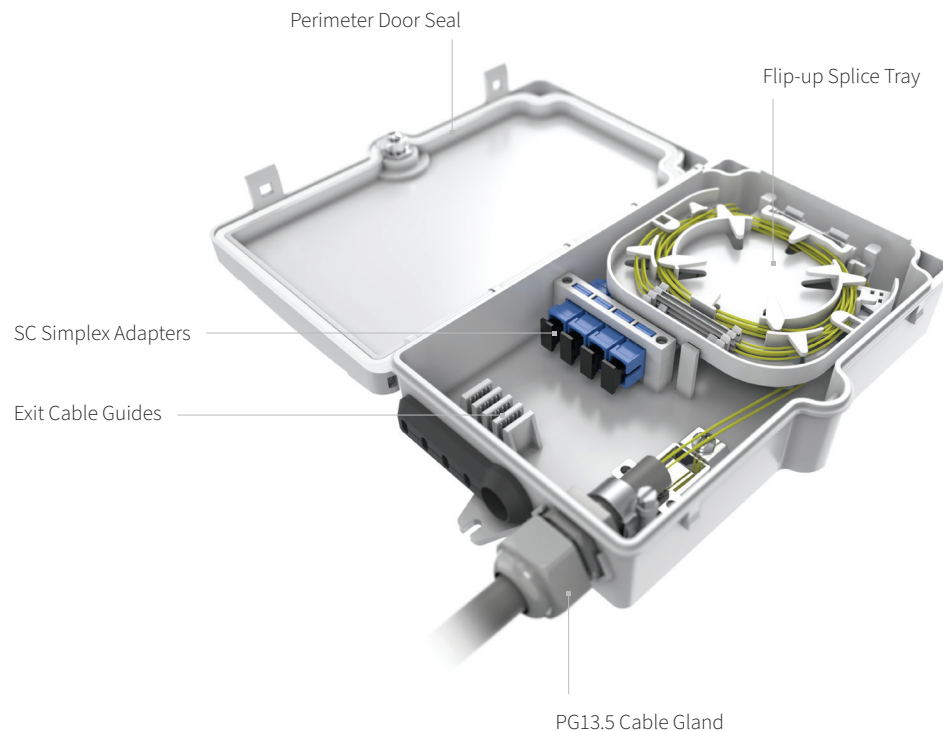
4/8-Fiber Splice & Patch Enclosures may be configured and installed for either:

1. Direct fusion splicing and fiber management of up to eight (8) fibers from the network provider's OSP cable to customer premise fibers.
2. Splice and patch applications splicing four (4) or eight (8) incoming fibers to color-coded pigtails (included) terminating on LC-duplex or SC-simplex connectors (included) for fast, pluggable connections to field or factory terminated cable assemblies.

A unique 'flip-up' 4/8-fiber fusion splice tray (complete with an integrated splice sleeve holder and splice sleeves) makes the compact footprint possible. An integrated fiber slack-management reel along with internal fiber routing, attachment and strain-relief features combine to deliver higher-quality installations in less time.

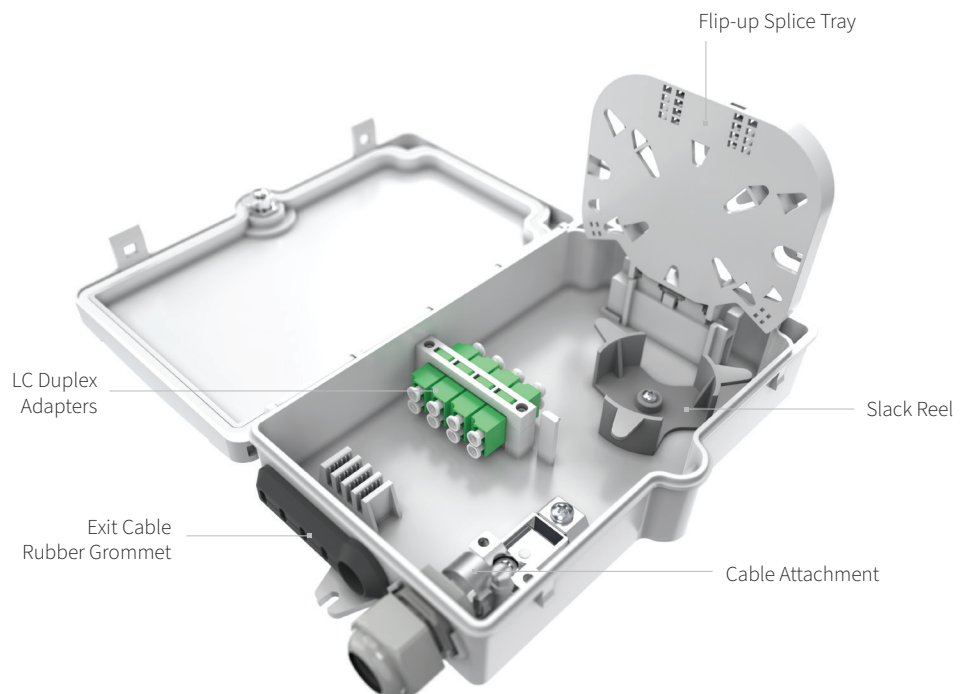
The enclosure meets IP65 requirements for water and dust ingress, and features a PG13.5 entry cable gland (cable ODs 8-12mm), along with a rubber exit cable gasket and a full-perimeter recessed door gasket for excellent protection against adverse weather conditions.

The enclosure is secured with an integrated keyed locking mechanism (including two master keys with each enclosure).



**FEATURES
and BENEFITS**

- Rugged design and robust materials provide four-season weather protection
- Cost-effective design justifies both outdoor and indoor use -- reducing spares inventories and technician training costs
- Two-piece molded design, entry cable gland, door gasket and cable exit gasket provide IP65 rating for assembled enclosure
- Compact footprint is easy to position/install
- Flip-up splice-tray allows easy internal access despite compact external footprint
- Integrated slack-management reel and fiber routing and strain-relief features contribute to rapid, reliable, repeatable installations
- Flexible design allows choice of direct fiber/fiber fusion-spliced configurations, or fusion-spliced fiber/pigtail/LC/SC adapter configurations
- Splice and patching configurations (incoming fiber/pigtail/LC/SC adapters) allow use of pluggable field/factory terminated cable assemblies to connect customer premise fibers -- faster installs, simpler maintenance and easier change management
- Low-loss LC/SC adapters and pre-terminated cable assemblies reduce installation time while increasing reliability and optical performance
- Integrated, robust, keyed locking mechanism provides physical security and access control
- Easy ordering with standard part numbers for common configurations including 8F/LC/UPC/APC/Duplex Adapters & Pigtails, and 4F/SC/UPC/APC/Simplex Adapters & Pigtails (contact Customer Service for custom configurations)
- Simplified ordering/provisioning with wall screws, splice sleeves, LC or SC adapters, color-coded pigtails, entry point cable gland, cable exit grommet and lock keys included with each enclosure part number



ORDERING INFORMATION

Part Number	Description
WOE-L8S1	Wirewerks Splice & Patch Outdoor/IP65 Wall-Mount Enclosure SM OS2, 8 Fiber, LC/UPC with Color-Coded Pigtailes
WOE-L8A1	Wirewerks Splice & Patch Outdoor/IP65 Wall-Mount Enclosure SM OS2, 8 Fiber, LC/APC with Color-Coded Pigtailes
WOE-C4S1	Wirewerks Splice & Patch Outdoor/IP65 Wall-Mount Enclosure SM OS2, 4 Fiber, SC/UPC with Color-Coded Pigtailes
WOE-C4A1	Wirewerks Splice & Patch Outdoor/IP65 Wall-Mount Enclosure SM OS2, 4 Fiber, SC/APC with Color-Coded Pigtailes
WOE- ABCD	Wirewerks 4/8-Fiber Splice & Patch Outdoor/IP65 Wall-Mount Enclosure

Example: WOE-L8S1 = WIREWERKS SPLICE & PATCH OUTDOOR/IP65 WALL-MOUNT ENCLOSURE SM OS2, 8 FIBER, LC/UPC WITH COLOR-CODED PIGTAILS

A		B		C		D	
Adapter Type		Fiber Count		Performance		Loaded with Colour-Coded Pigtailes	
L	LC	1	1 Fiber	S	UPC Single Mode OS2 Bend Insensitive 10mm	0	No
C	SC	2	2 Fibers	A	APC Single Mode OS2 Bend Insensitive 10mm	1	Yes
		3	3 Fibers				
		4	4 Fibers				
		6	6 Fibers				
		8	8 Fibers				

INCLUDED

Part Number	Included
WOE-L8S1 & WOE-L8A1	<ul style="list-style-type: none"> • Enclosure • Entry Point Cable Gland • Splice Sleeves, 60mm (x8) • Wall Screws (x3) • LC/UPC or LC/APC Duplex Flanged Adapters (x4) • LC/UPC or LC/APC Color-Coded Pigtails (x8)
WOE-C4S1 & WOE-C4A1	<ul style="list-style-type: none"> • Enclosure • Entry Point Cable Gland • Splice Sleeves, 60mm (x4) • Wall Screws (x3) • SC/UPC or SC/APC Simplex Flanged Adapters (x4) • SC/UPC or SC/APC Color-Coded Pigtails (x4)

PACKAGING and SHIPPING

Description	Dimensions	Shipping Weight
Cardboard Box	1.80" x 8.50" x 5.50" (45.7mm x 216mm x 140mm)	0.36 kg/0.80 lb

PHYSICAL SPECIFICATIONS

Parameter	Value
Product Dimensions	1.75" x 8.35" x 5.1" (44.5mm x 212mm x 130mm)
Product Weight	0.34 kg/ 0.75 lb
Materials (plastics, metals, etc.)	ABS Plastic
Color & Finish	Grey

MECHANICAL SPECIFICATIONS

Parameter	Value
Operating Temperature	-40° C (-40° F) ~ 60° C (140° F)
Storage Temperature	-40° C (-40° F) ~ 60° C (140° F)

PERFORMANCE SPECIFICATIONS

Parameter	Single Mode UPC	Single Mode APC
Insertion Loss	0.2dB Max	0.2dB Max.
Return Loss	-55dB	-65dB

**STANDARDS
COMPLIANCE**

IP65

Dust Protected & Protected Against
Water Projected Against the Enclosure
From Any Direction