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Sapphire™ Scalable Fiber Terminals Installation Instructions



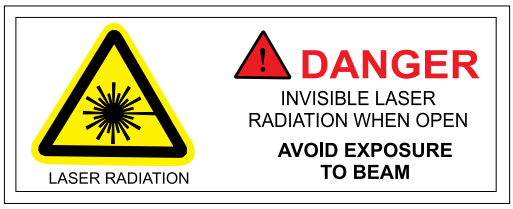
Region
Europe

IMPORTANT INSTRUCTIONS

When using fiber optic equipment, basic precautions should always be followed to reduce the risk of injury to persons, including the following:

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Laser light can be visible or invisible and can cause serious eye injury.
   Do not look directly into the end of a fiber optic connector.
   Do not look directly into the end of a fiber optic adapter having a fiber optic connector.
4. Install dust caps or plugs onto unused fiber optic connectors or non-shuttered fiber optic adapters.
5. Use an optical power meter to verify active fibers as necessary.

SAVE THESE INSTRUCTIONS



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Installation Instruction

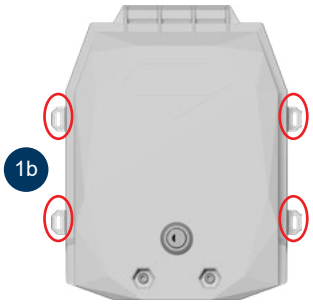
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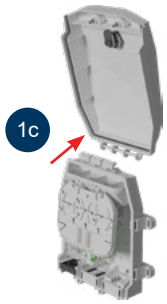
Installation Tools

- Power Driver
- 4mm Allan wrench
- Hand Driver (Phillips & Flat)

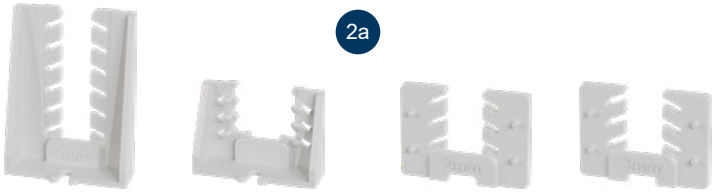
1) Mounting and cover operation

a) Position unit on flat vertical surface with cable ports facing down.
b) Use a power-driver to install self-tapping screws (included) through each mounting foot.
Note: Use appropriate anchors/mounting hardware for hollow-wall or cement block wall applications.
c) Use 4mm Allan wrench to open cover, cover will separate from base when opened beyond 160 deg.
Note: Use supplied keys to latch/unlatch (1/4 turn) optional cam lock if present.



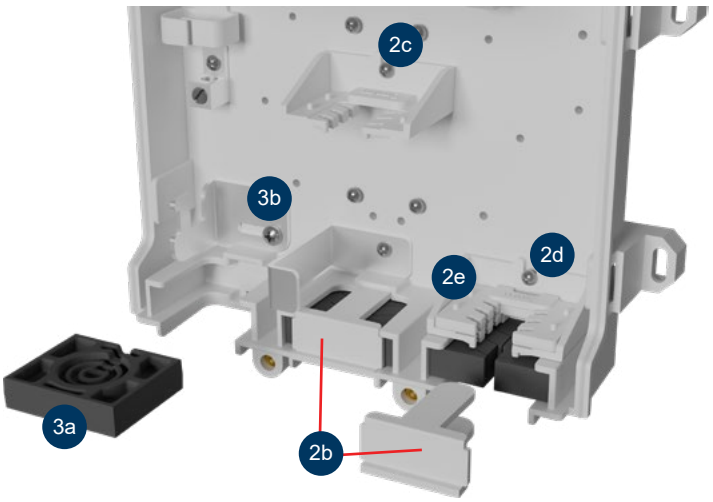


Port Holders **Miniflex Clips**



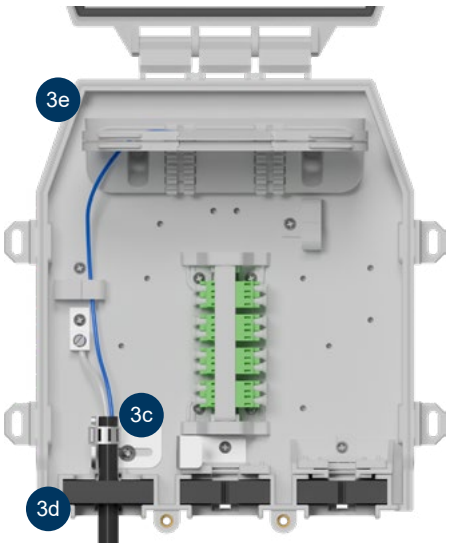
2) Configure distribution cable port(s)

a) Select port holder/cable type to be used (Miniflex 2mm, Miniflex® 3mm, or round).
Note: Some models may have rubber grommet and cable clamp in the right-hand port to support multi-fiber cable or cable duct applications, see feed cable instructions (3a-3c) below.
b) Remove port keeper, squeeze legs near base to unlatch and pull outward.
c) If required, remove existing holder by uninstalling the mounting screw with a hand driver (Phillips).
d) Position holder in port and secure to base using mounting screw with hand driver (Phillips).
e) If Miniflex holders are used install corresponding Miniflex clips (2x) by aligning the mounting post and squeezing until mated.



3) Install feed cable

a) Open cover and remove rubber grommet. With a pointed tool, carefully punch hole in center of grommet. Slide grommet over cable then reinstall grommet with cable.
b) Use hand driver (Phillips) to loosen mounting screw of cable clamp bracket, allow bracket to slide left or right.
c) Secure cable/duct to clamp bracket with cable clamp, position the clamp bracket so the cable is centered in the grommet and tighten the bracket mounting screw.
d) Route strength member (if present) to tie-down, secure with screw, and trim excess.
e) Route buffer tubes to splice trays and secure with cable tie, see Cornerstone Splicing System instructions for details.



These products may be protected by one or more patents. For further information, please visit: www.ppc-online.com/patents

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4) Install feed pigtails (Patch & Splice Configuration)

a) Insert connectors into adapters according to the engineering plan, adapter bulkhead may be slid out for improved access while cleaning or installing connectors.
b) Return bulkhead to lower position for storage.
c) Route pigtails to splice trays and secure with cable tie, see Cornerstone™ Splicing System instructions for details.

5) Install distribution cable (Splice Only Configuration)

a) Route distribution cable to splice trays and secure with cable tie, see Cornerstone Splicing System instructions for details.
b) Place the distribution cable into the next available slot in the port holder.
   i) Miniflex® cables are snapped into position and held in place by the cable clips integrated retaining rings.
   ii) Traditional round jacketed distribution cables are secured to the round cable holder using felt tape and cable ties
   iii) Cable ducts may also be installed using the mounting accessories and process as described in section 3 above.

6) Splice used fibers

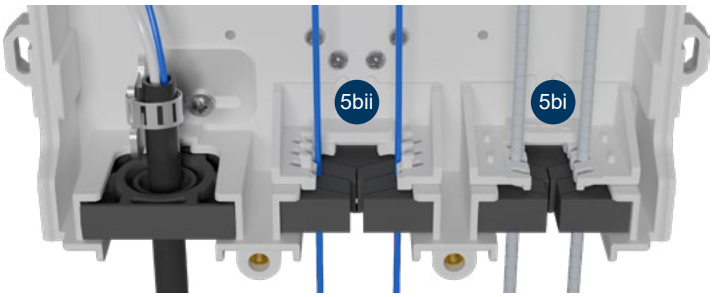
a) Following engineering plan and company policies, splice feed cable to pigtails, see Cornerstone Splicing System instructions for details.

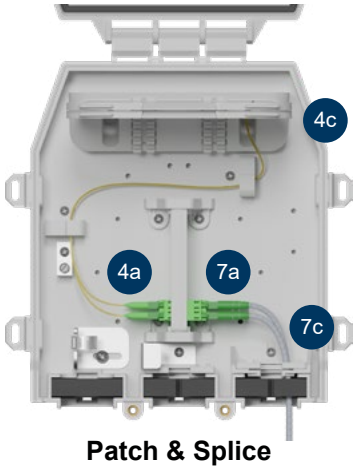
7) Install distribution cable (Patch & Splice Configuration)

a) Insert connectors into adapters according to the engineering plan, adapter bulkhead may be slid out for improved access while cleaning or installing connectors.
b) Return bulkhead to lower position for storage.
c) Route the distribution cable into the next available slot in the port holder.
Note: See section 5b i), ii) & iii) above for details on how to secure distribution cables by type.tails.

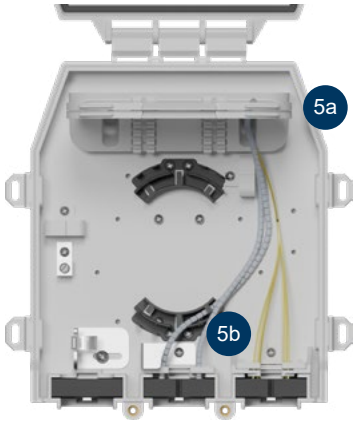
8) Carefully close the cover to protect components

a) To reattach cover, align cover hinge pins with the base knuckles while the cover in the open position (beyond 160 deg.) then pull forward and rotate to the closed position.
b) Use 4mm Allan wrench to secure cover screws.
Note: Use supplied keys to latch/unlatch (1/4 turn) optional cam lock if present.





Patch & Splice



Splice Only

Related Documents

SCAN OR CLICK

Cornerstone™ Splicing System

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SCAN ME

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