

OWO & OWO+

Optical Wall Outlet

Installation instructions

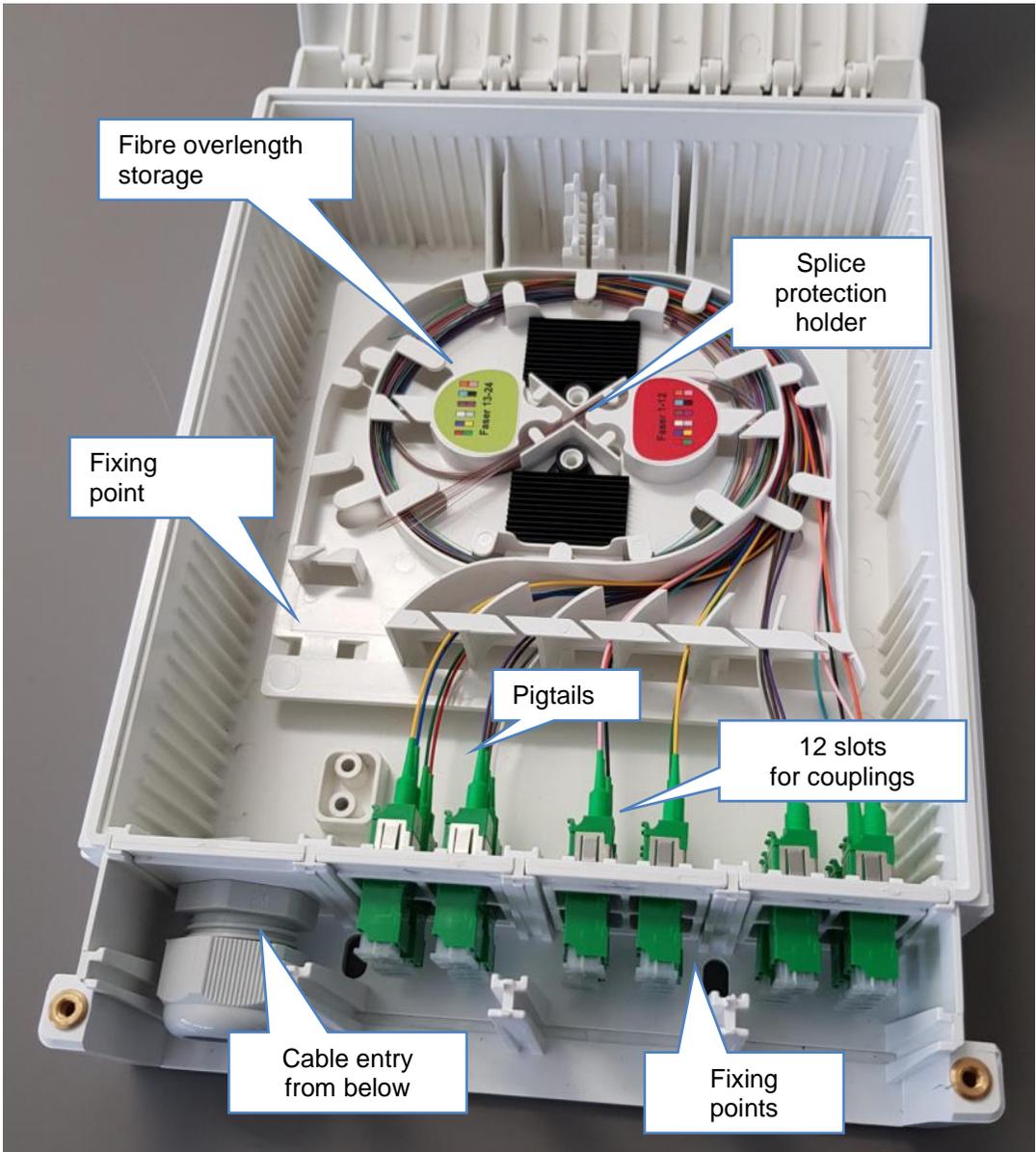


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To the best of our knowledge, all the information provided is correct and up to date. However, they do not represent a binding guarantee of implementation or properties. The user must decide for himself whether the product is suitable for the application. No liability is assumed for this product outside the warranted properties. The information provided may be altered without notice. Changes to materials and their processing will be made without notice, provided that they do not influence the warranted specifications.

1. Brief description of the OWO



2. Safety instructions

- The Optical Wall Outlet (OWO) was developed for outdoor and indoor use as a fibre optic termination point and serves the purpose of this application when properly installed.
- The OWO must be installed by technically skilled experts. Read these instructions thoroughly before you start installing the OWO. Please observe the applicable accident prevention regulations and the regulations on handling fibre optics.
- The OWO must be used only for its intended purpose in fibre optic cable installations.
It must never be used in electrical installations.

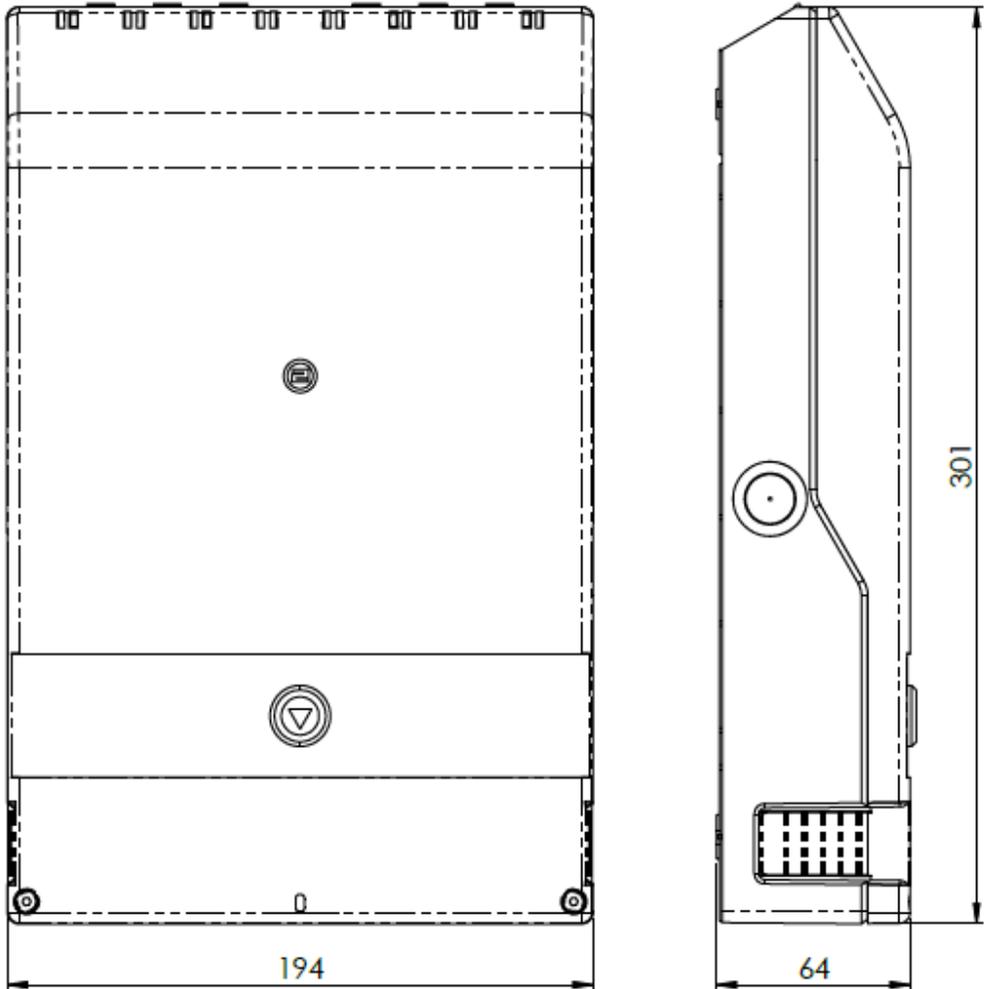
- **ATTENTION!** Invisible laser beams may be present!



Do not look into the beam or view it directly through optical instruments!

- Fibre optic cables are sensitive to mechanical, tensile and compressive forces. Excessive bending or kinking must be avoided at all costs. Observe the specifications relating to the cable used.
- When working with fibre optic cables or performing splicing work, fibres may break leaving fine glass fibre residues. These must be collected in special containers and disposed of. Fine fibres can penetrate the skin or eyes and cause inflammation.

3. Dimensions



4. Installation

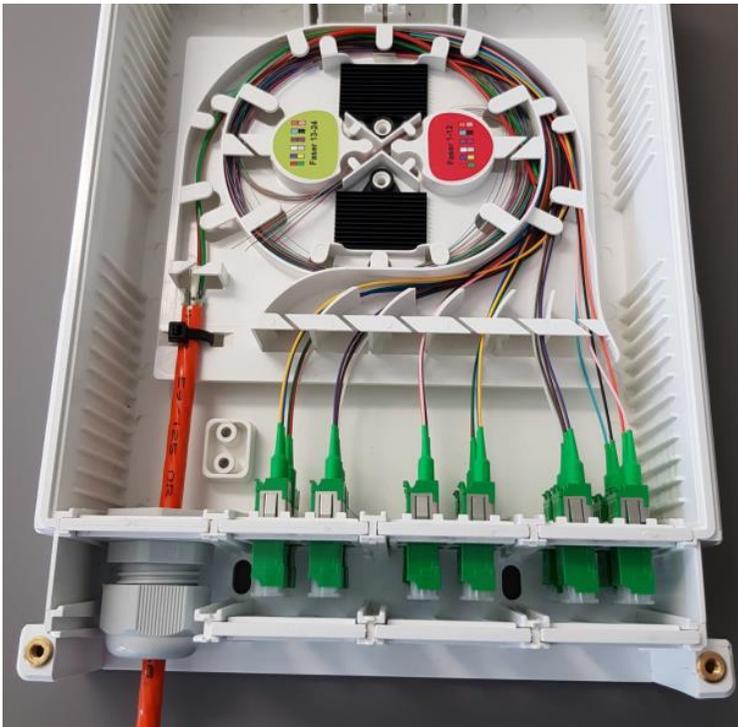
There are two basic types of installation:

- Installation with cable entry from below → see Chapter 4.1
- Installation with tube entry from below → see Chapter 4.2

4.1 Installation with cable entry from below

To install the unit, the housing must be screwed to the wall. There are three holes in the base of the housing for this purpose. Mark the position of the holes on the wall and drill the holes. Insert the wall plugs and fix the housing with three screws, using the elongated holes to align it.

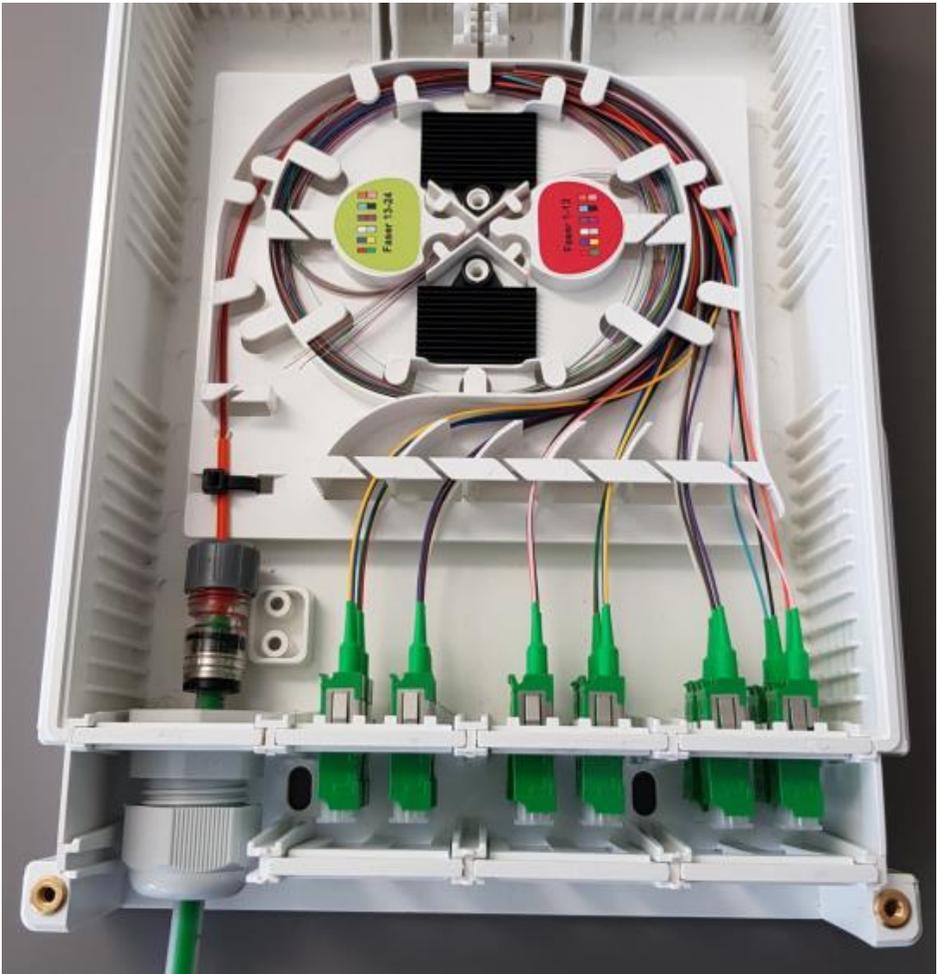
Then take a sufficiently long length of cable (e.g. 1.6 m) and guide it through the screwed cable gland. Fix it and fasten it securely with cable ties.



4.2 Installation with tube entry from below

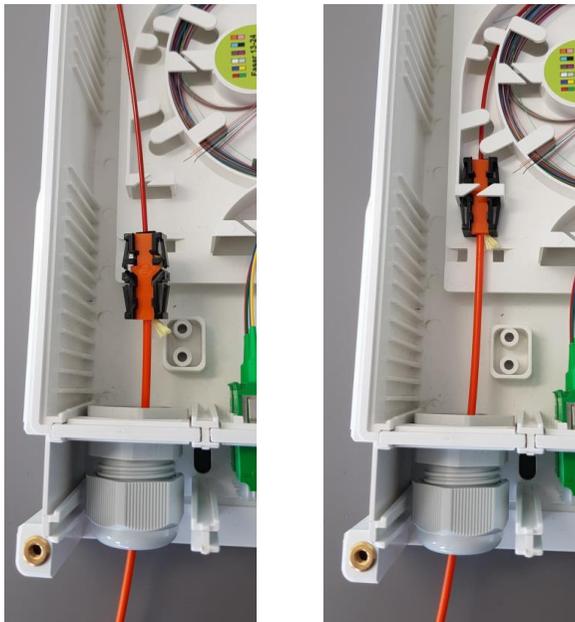
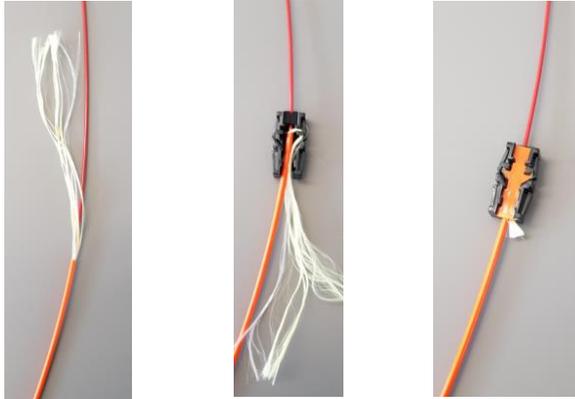
To install the unit, the housing must be screwed to the wall. There are three holes in the base of the housing for this purpose. Mark the position of the holes on the wall and drill the holes. Insert the wall plugs and fix the housing with three screws, using the elongated holes to align it.

The feed the tube through the screwed cable gland, fit the gas/water stop and fasten the cable in place with cable ties. The cable can be inserted either before or after the installation of the tube. Then leave a sufficiently long length of cable (e.g. 1.6 m).



4.3 Mounting with ZAF

For strain relief and quick and easy installation of cables up to 5 mm in diameter, our ZAF strain relief (accessory) can be used in addition.



4.4 Splicing

The fibre overlengths can now be wound out of the splice cassette and spliced with the pigtails. The overlengths can then be laid in the cassette and the cassette can be secured in the comb.

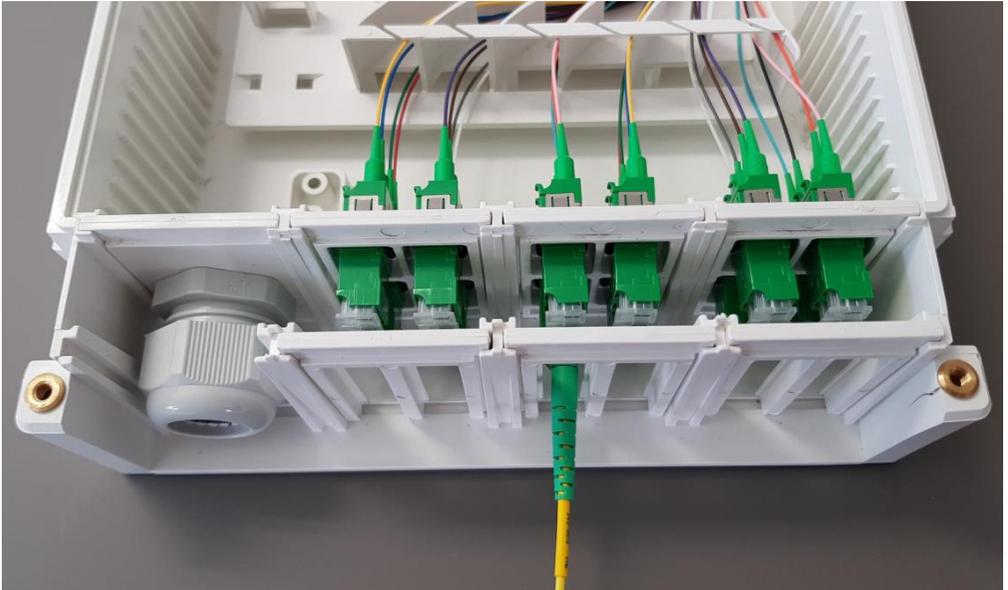
4.5 Locking

A lock, filler seal, safety screws or a seal sticker can be used to lock the box and secure it against unauthorised opening (accessories).

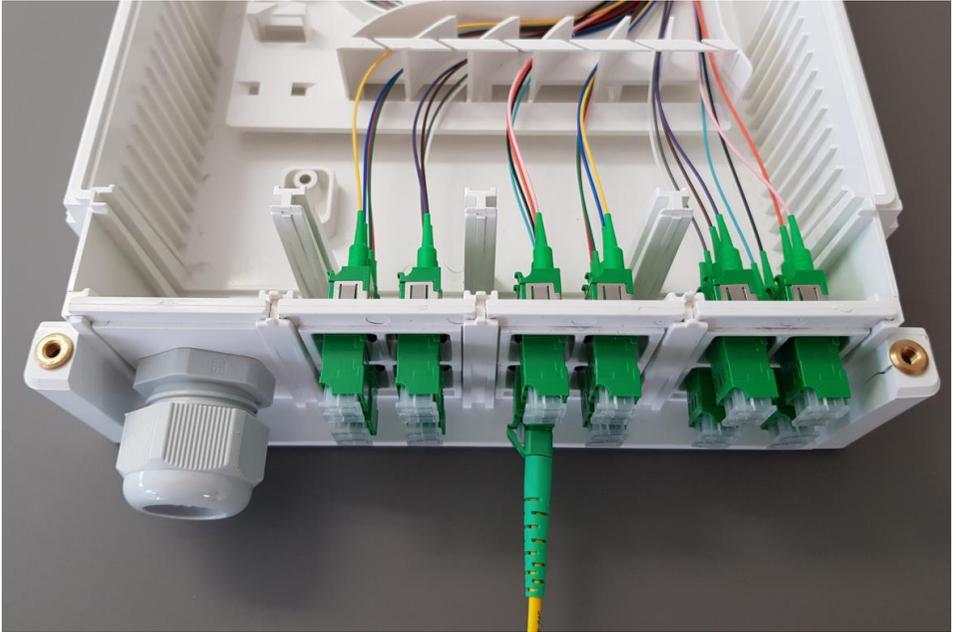


5. Configuration

You have the option of offsetting the level of the couplings in the housing, depending on whether or not the couplings need to be accessible from the outside when the box is closed.



You can offset the cable entry points and coupling plates before or during installation.



6. Disposal

At the end of its useful life, the housing and its contents must be disposed of and recycled in accordance with the applicable legal regulations.

7. Accessories/Pre-installed items

Our ZAF strain relief is available to provide strain relief and enable quick and easy installation of cables up to 5 mm in diameter.

Pigtails and couplings are pre-installed by us so that the OWO is ready for connection.

There are various types and qualities of connectors, fibres and couplings to choose from:

SC, LC, E2000; APC, UPC; Grade A or B and all common types of fibre

Please contact us if you need any further information, a special configuration or accessories.

ZweiCom-Hauff GmbH

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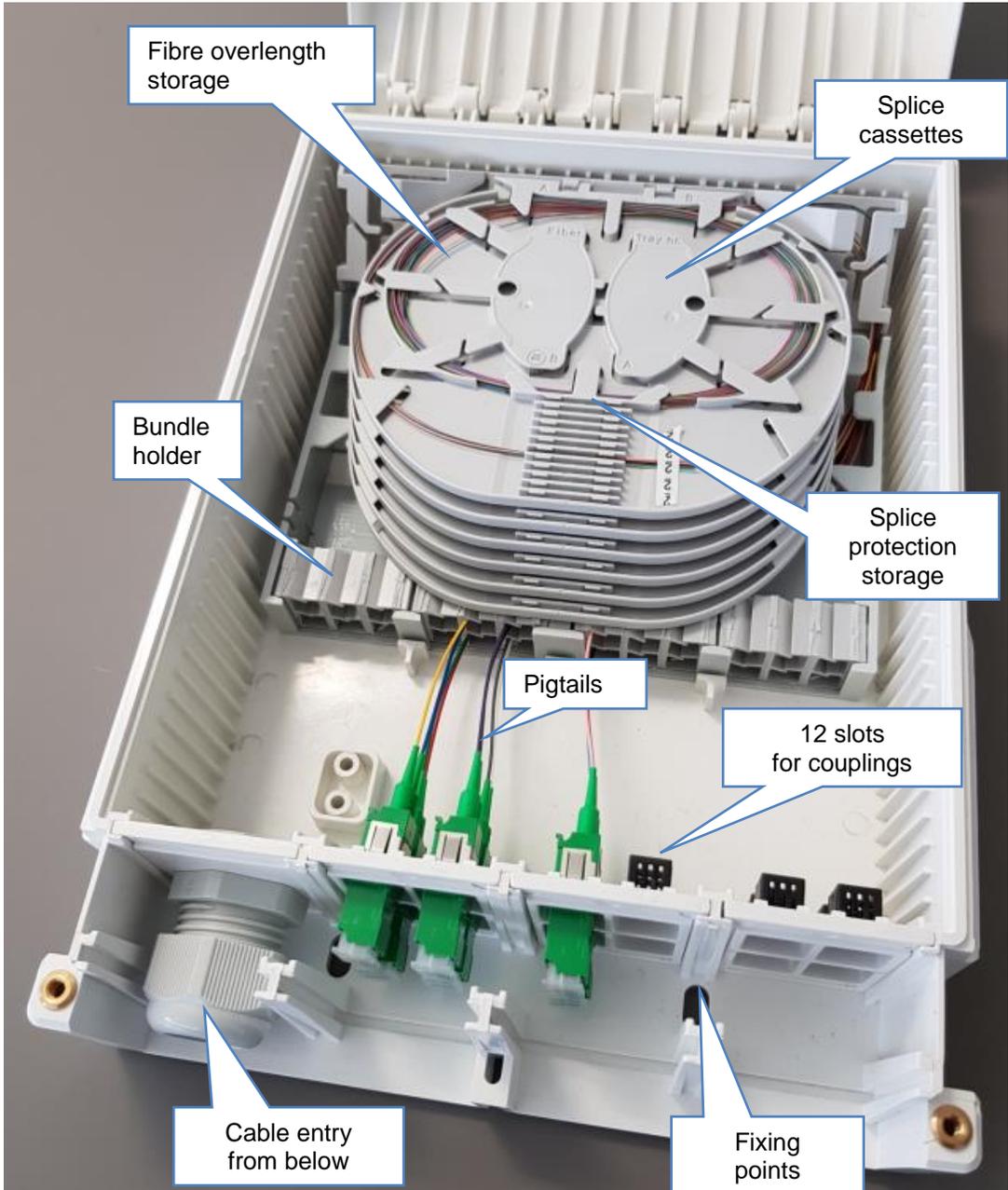
OWO+

Optical Wall Outlet with cassette system

Installation instructions



8. Brief description of the OWO+



9. Safety instructions

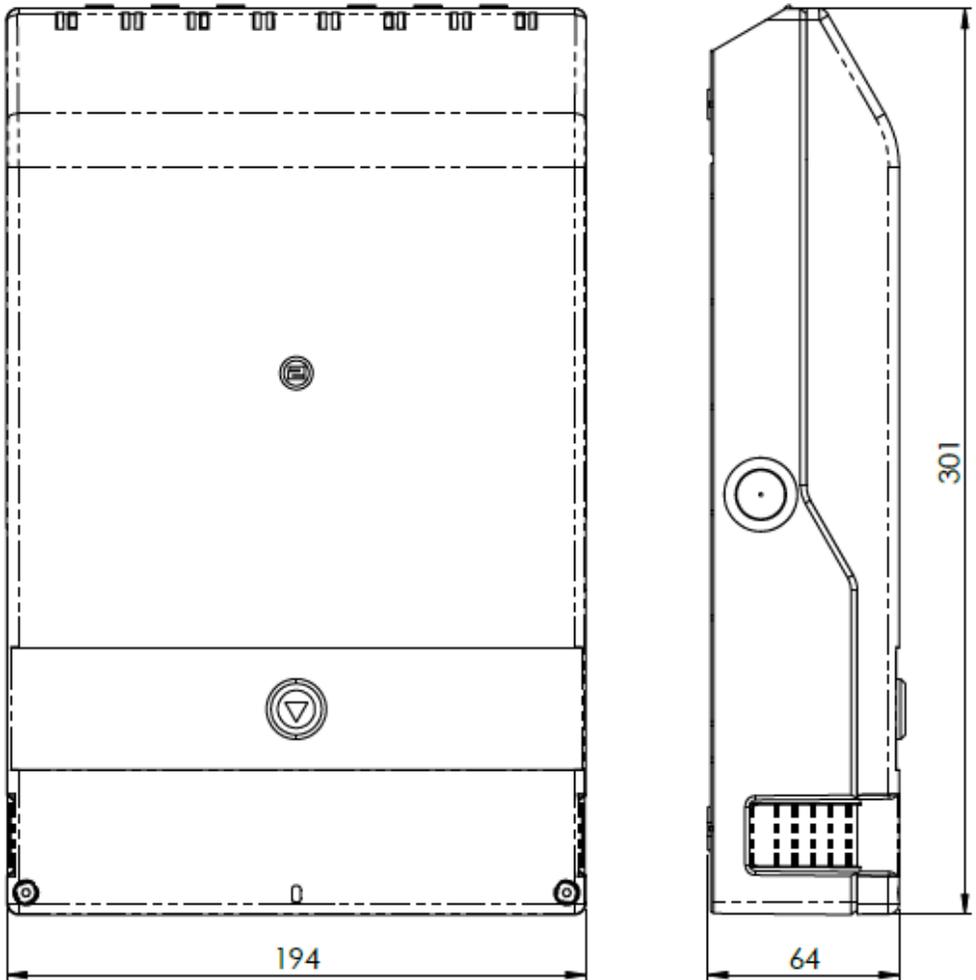
- The Optical Wall Outlet with cassette system (OWO+) was developed for outdoor and indoor use as a fibre optic termination point and splice point and serves the purpose of this application when properly installed.
- The OWO+ must be installed by technically skilled experts. Read these instructions thoroughly before you start installing the OWO+. Please observe the applicable accident prevention regulations and the regulations on handling fibre optics.
- The OWO+ must be used only for its intended purpose in fibre optic cable installations.
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10. Dimensions



11. Installation

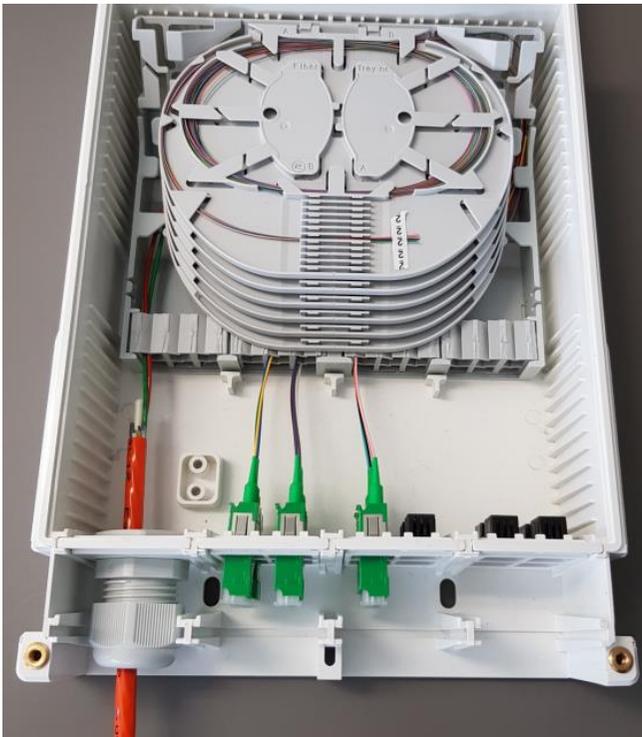
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11.2 Installation with tube entry from below

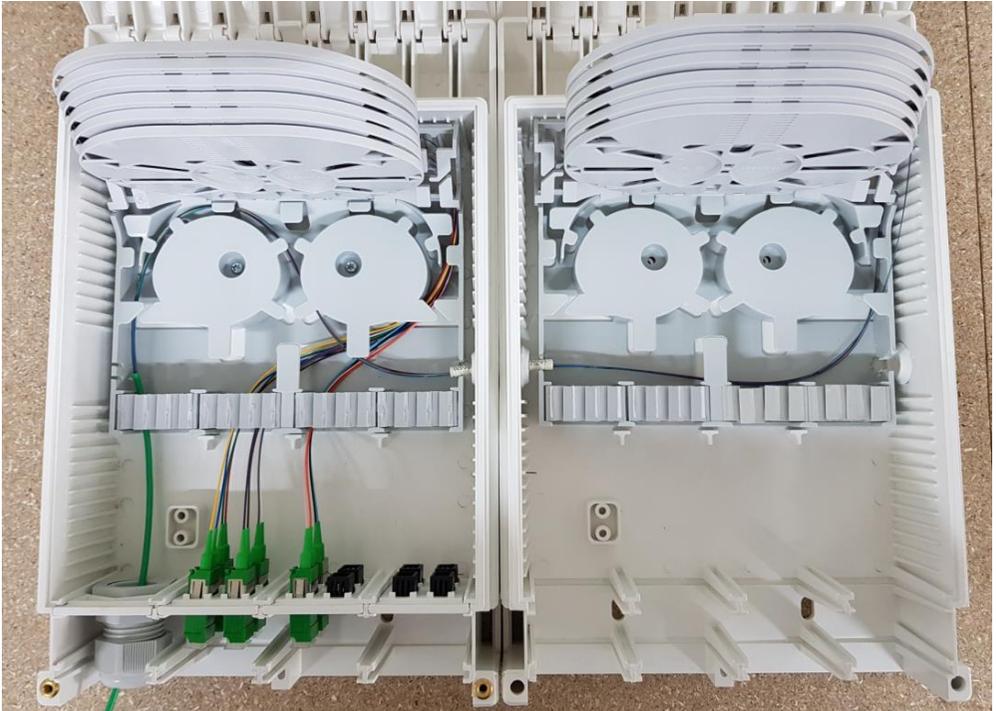
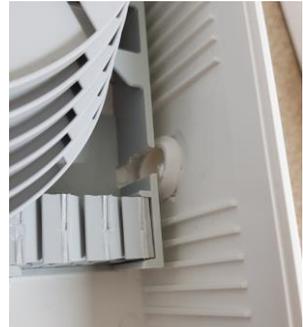
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The feed the tube through the screwed cable gland, fit the gas/water stop and fasten the cable in place with cable ties. The cable can be inserted either before or after the installation of the tube. Then leave a sufficiently long length of cable (e.g. 1.6 m).



11.3 Installation in a row with through connections (cascade)

The OWO+ can be cascaded in order to connect fibres further to another OWO+ and to further connections. In this case one (or several) OWO+ units are installed next to each other. The corresponding assembly kit can be ordered as an accessory.



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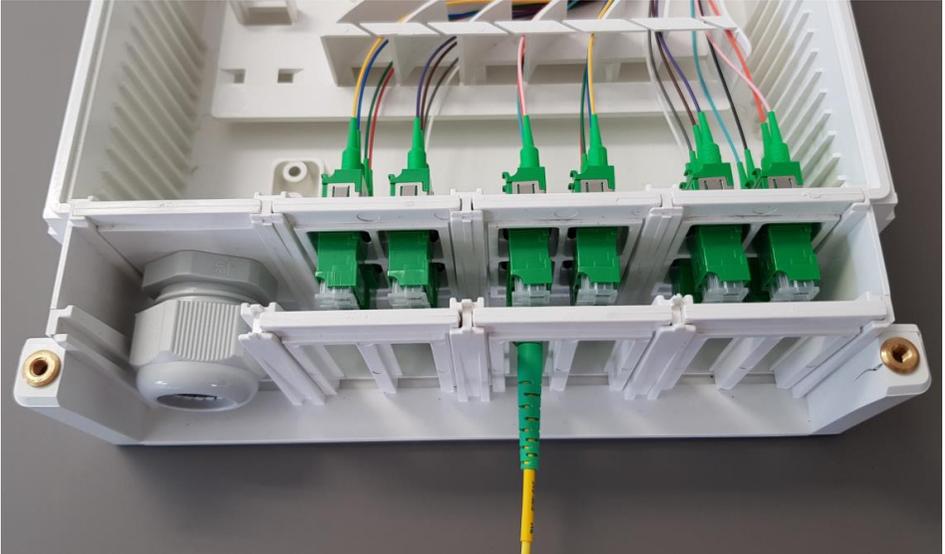
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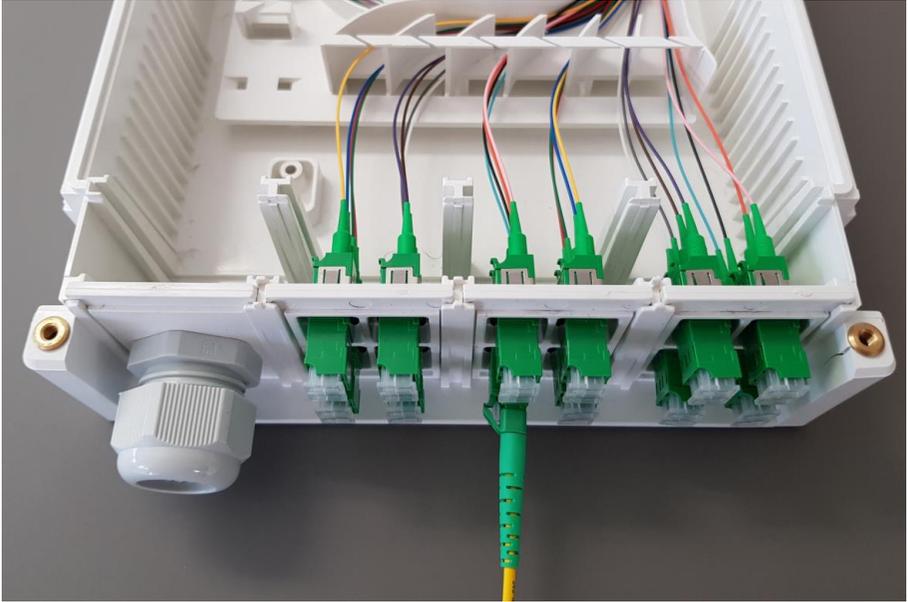


12. Configuration

You have the option of offsetting the level of the couplings in the housing, depending on whether or not the couplings need to be accessible from the outside when the box is closed.



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