

Assembly Instructions

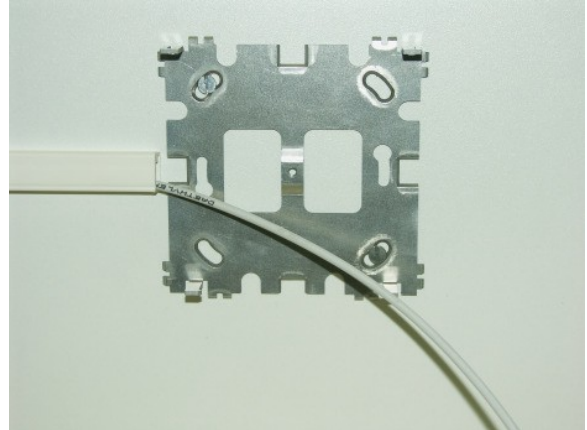
FTTH Connecting Socket (On-wall)

1. Fastening the mounting base

The mounting base must be fastened using countersunk screws. Make sure that the heads of the screws are flush with the base.

When fastening to an in-wall inlet box, feed the cable through one of the two rectangular openings.

The maximum cable length from the socket inlet to the fastener must not exceed 50 cm. When the installation is complete, this length will be stored as reserve cable.



2a. Stripping the cable sheath

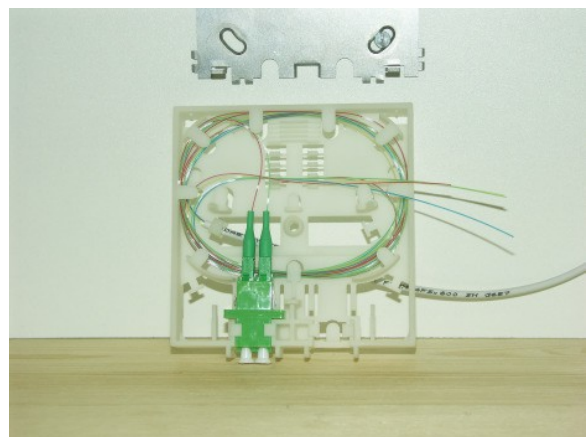
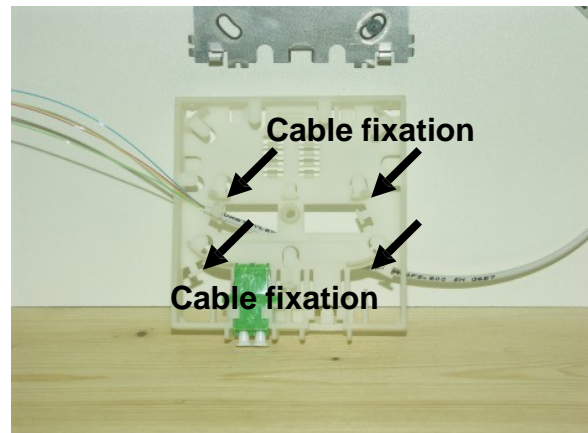
The cable sheath must be stripped to a length of 80 cm. Using a small cable tie, fasten the cable to the correct position in the socket. This depends on the location of the inlet for the cable.

2b. Cutting the conductors

To prepare the splice, cut the cores of the cable to a length of 75 cm. This step is required regardless of the installation location.

Cut the pigtail to a length of 47 cm.

This measurement corresponds to the cores when later inserted as shown in the figure to the right.



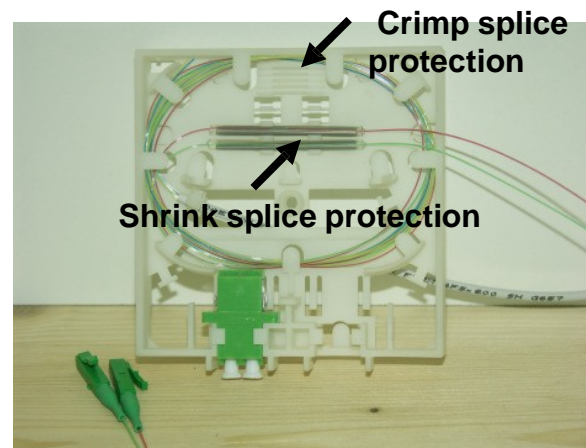
3. Preparing the fibres (shrinkable tubing)

- Push the shrinkable tubing over the cores
- Strip the cable core and coating using a suitable stripping tool (e.g., Miller)
- Clean the fibres using alcohol and a cleaning cloth
- Break the fibres cleanly using a cleaver
- Splice the fibres
- Push the shrinkable tubing over the splice location
- Shrink the shrinkable tubing in a special oven

4. Inserting the cable cores

Insert the various cable cores so that they do not buckle or bend too tightly. The smallest permissible bending radius is 22 mm.

Press the splice protection into the provided splice comb.

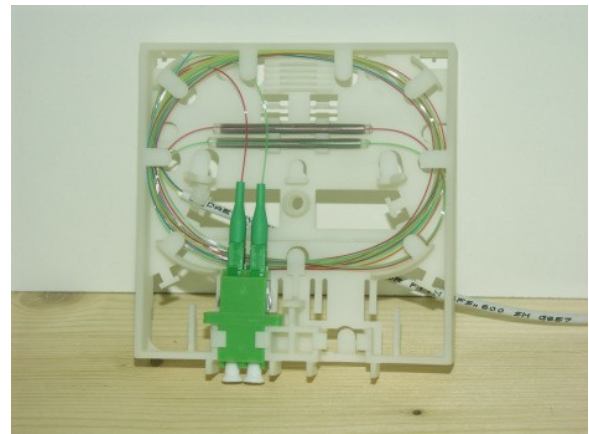


5. Inserting the pigtails

Insert the pigtails as shown in the figure and make sure that the cores do not buckle or bend too tightly.

Insert the pigtails into the coupling and make sure that they snap into place.

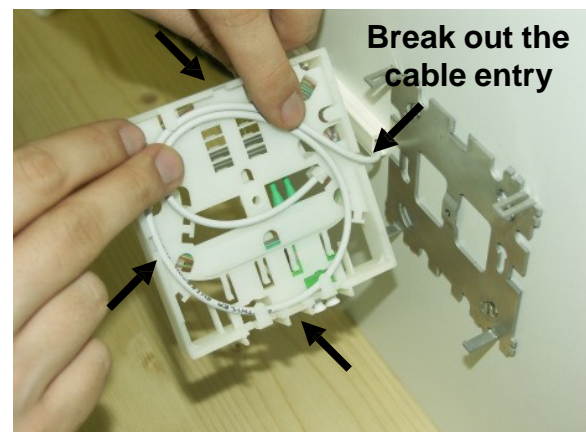
Important: Red pigtail on outside to the left



6. Inserting the reserve cable

Insert the reserve cable with a maximum length of 50 cm into the rear section of the socket. Here, make sure that the second turn of the cable lies on the outside and, importantly, that the cable does not cross itself.

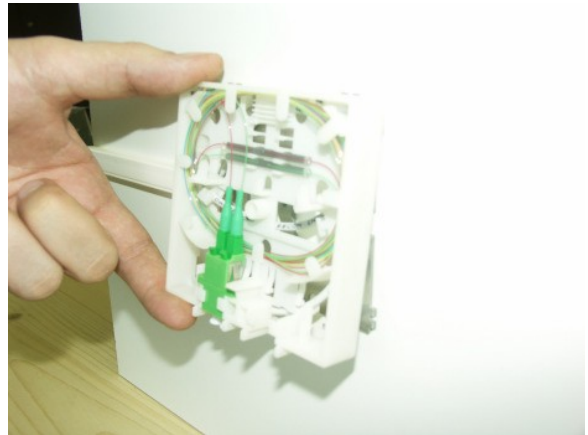
When installing onto an in-wall inlet box, install the cable the other way around.



7. Fastening the socket to the aluminium base

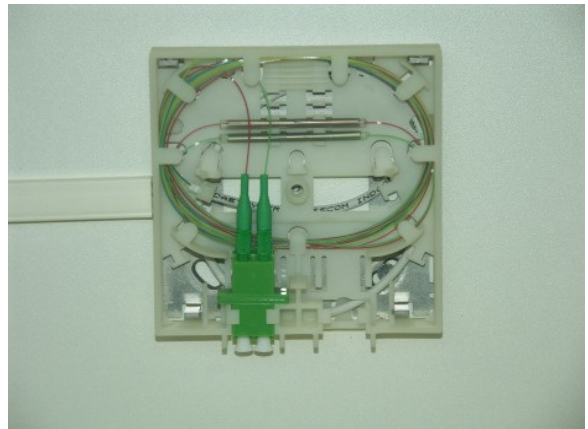
Snap the socket onto the aluminium base. Here, it is important that it first snaps into place on top and then on the bottom.

Ensure that the cable does not become jammed or bent.



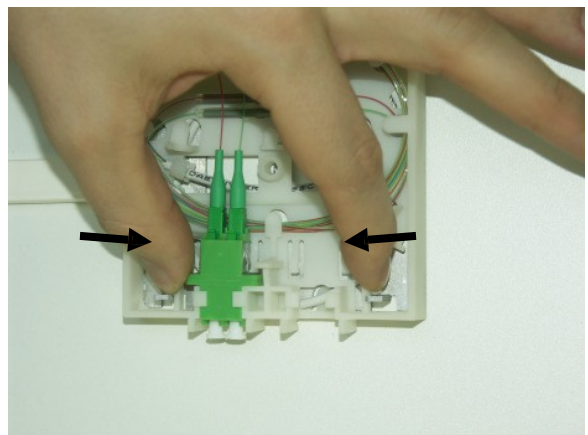
8. Checking the inserted cores

Before screwing the cover onto the socket, check whether all cores lie properly beneath the corresponding straps. Otherwise the fibres may become damaged.



9. Removing the socket

To remove the socket, press the two fasteners inwards and lift out the socket.



10. Fastening the cover

Screw the cover and its frame onto the socket.



11. Inserting the label

Insert the label behind the viewing window.

To protect the label, close the viewing window.

