

INSTALLATION MANUAL

HUBER+SUHNER AG
Fiber Optics
Fiber Management Systems
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Optical Telecommunication Socket - OTS

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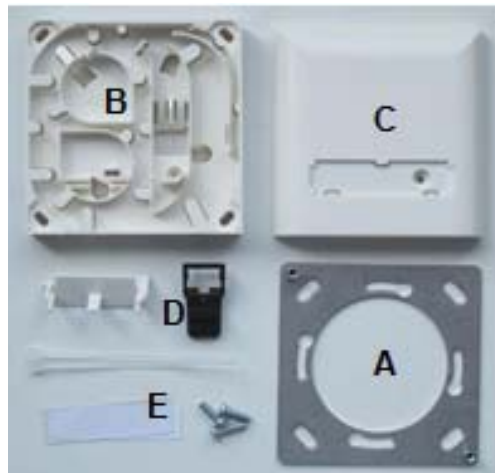
ASSEMBLY INSTRUCTION

Scope of delivery:

- A: Mounting Plate
- B: OTS Base
- C: OTS Cover
- D: OTS Adapter Plate
- E: Cable Tie, PT Screw (1 piece), M3x7 Screw (4 pieces), Label from Paper (1 piece) and Plastic (1 piece)

Required tools:

- Screw driver Philips (cross recess)
- Side cutter
- Tweezers



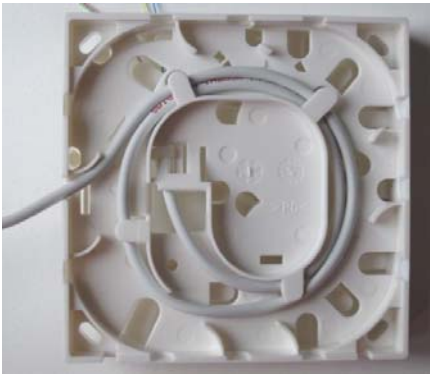


Step 1


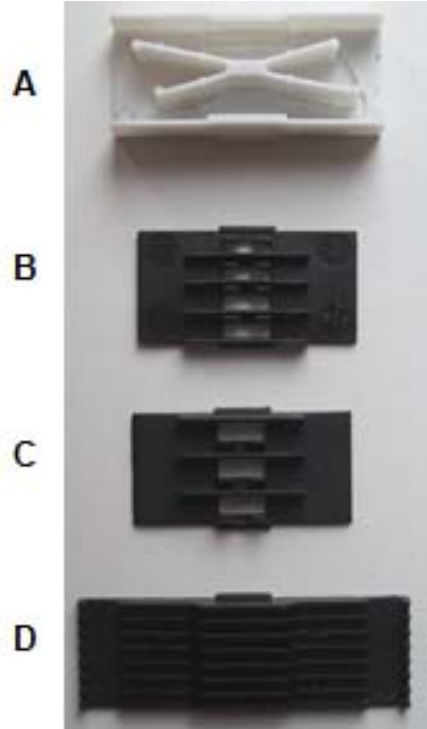
Wall mounting of OTS and installation of Fiber Optic Cables:


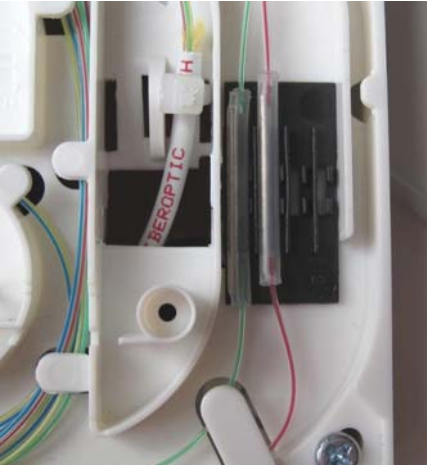
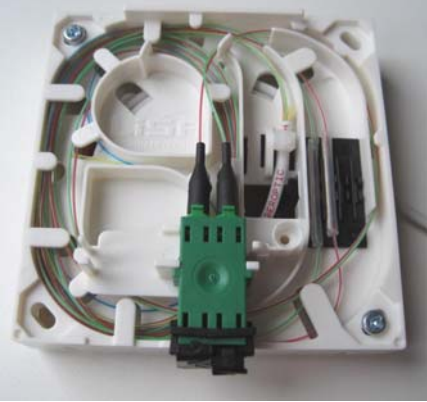
Wall Mounting: Start with the aluminum mounting plate. Mark the holes at the position where the outlet needs to be fixed. If necessary, drill the holes with a drill. Recommendation: Use 5mm raw-plugs and flat head screws (material not included). It is important that the aluminium plate is orientated as shown in the picture.



Recessed Assembly: Fix the aluminium mounting plate onto a socket housing using the available fixing slots.



Step 2	<p>Wall mounting: Cut out the entrance tab at the rear of the socket housing. Bring the Low Bend cable through the opening at the rear of the OTS base and follow the arrow until you reach one of the entrance cut-outs. A second loop can be stored depending on cable diameter.</p> <p>Recessed mouting: The cable is fed through the outlet, therefore no cut out needs to be done.</p>	
Step 3	<p>Bring the Low Bend Cable from the rear-side on the ramp to the frontside, fix the Cable on the ramp with a cable tie. Now remove the Cable jacket.</p>	
Step 4	<p>For better access to the OTS Base frontside, you can fix the adapter plate as shown in the picture.</p>	

<p>Step 5</p>	<p>The fibers (3 Circles) must be assembled into the OTS as shown in the picture.</p> <p>Info: 3 Circles ≈ 0.8m</p>	
<p>Step 6</p>	<p>The following Spliceholders can be mounted into the OTS:</p> <p>A: 4 way mechanical Splice B: 4 way Shrink Splice D=1.8mm C: 3 way Shrink Splice D=2.6mm D: 6 way ANT</p>	

Step 7	<p>The Assembly of the splice protection holders must be made as shown in the pictures.</p> <p>First push the splice protection holder on one side into the recess of the base and then push the other side until engaged!</p>	
Step 8	<p>Splice fibers (Length 0.88m) according to the manual provided by the splice machine manufacturer. The splice protectors can now be stored in the splice protection holder.</p>	
Step 9	<p>After the overlength is stored, the adapter plate can be snapped in at the correct position. The fibers should be guided within the right-hand channel on the upper level.</p>	

Step 10	<p>To close the outlet, locate the cover on the top edge (1) and then push to close (2).</p> <p>A screw can be added in the label recess to secure the outlet cover.</p>	 <p>1 2</p>
Step 11	<p>Slide in the front label and apply the transparent cover.</p>	
Step 12	<p>Assembly of Protection Cap: The Protection Cap can be snapped to the bottom side of the mounted OTS.</p>	