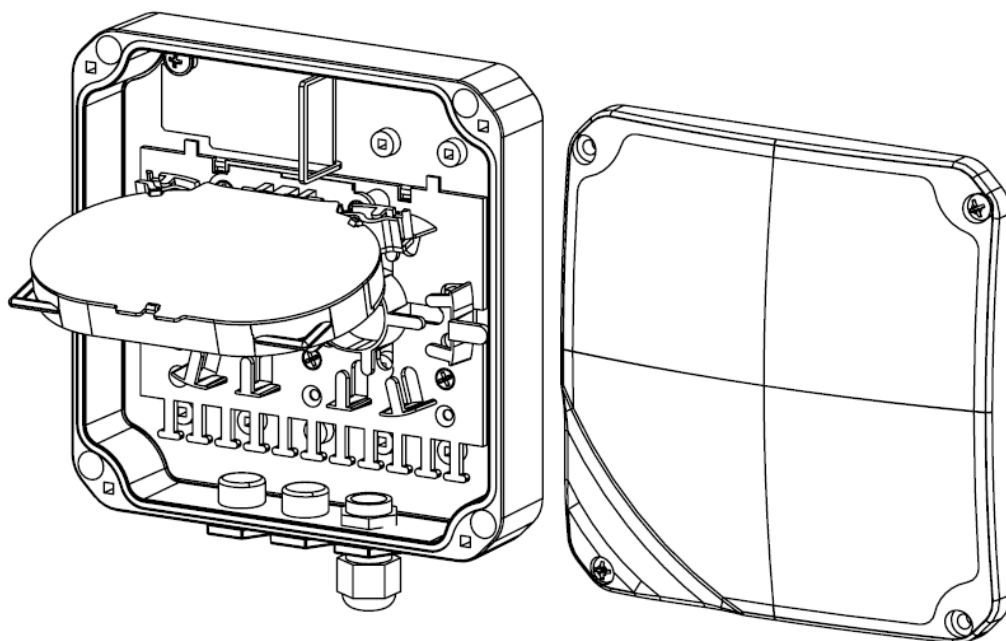




ORM 3L/4



Contact:

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GB

Technical description:

Optical distribution box ORM 3L/4 is designed for the placement of up to 2 SC duplex optical connectors. It is intended for optical fibres in accordance with ITU-T G.657. It is designed to be wall-mounted indoors or outdoors. The distribution box may be completed with a holder for post-mounting.

Type: ORM 3L/4
Inputs and outputs: 1x PG 7 (sealing range 3-6,5mm)
2x rubber bushing 2x1-3mm
Colour: RAL 7035, smooth
Dimensions: 156x136x45mm
Weight: 0.4kg

Accessories:

Accessory bag 1pc

Declaration on product conformance:

The product was manufactured in compliance with valid technical documentation. An observation of designed technology procedures and material was followed according to the ISO 9001 standard.

Warranty:

The manufacturer guarantees for product imperfections arising within period of warranty due to the demonstrably deficient material, error in design, or deficiencies in manufacture. Such deficiencies shall be repaired by the manufacturer free of charge. The manufacturer is authorized to reject the complaint if the item was demonstrably damaged due to an unqualified infringement, rough manipulation, or by force majeure. The warranty period is 24 months (if not stated other way) starting from the date of product consignment to the customer. The warranty covers the product capability and conformance with agreed, or usual purpose.

Note:

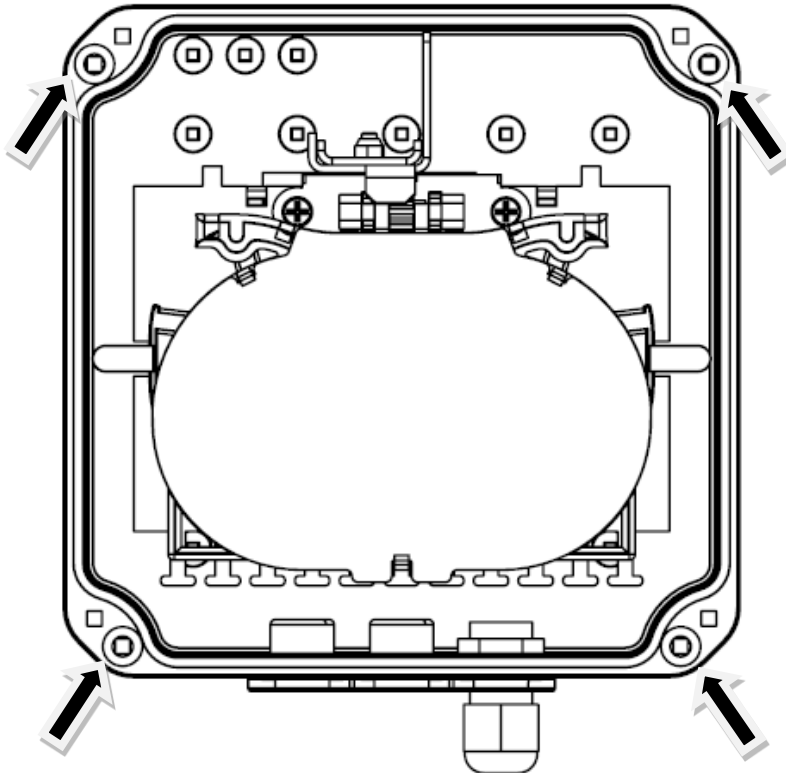
The product design may vary according to the requirement of the customer. The weight of single product execution may vary. Manufacturer is authorised to develop its products according to the requirements of the customer. Recording of all developing changes in this document is not necessary. Picture is only informative.



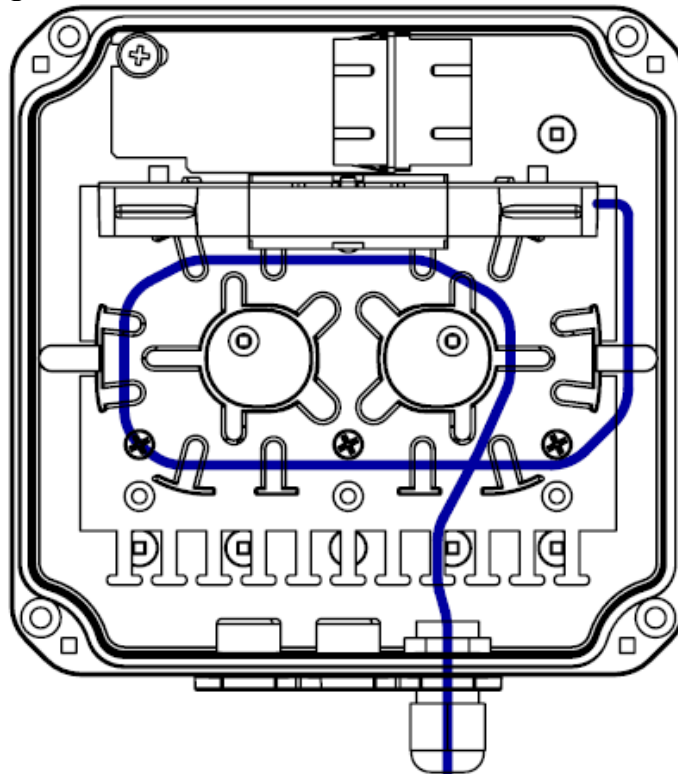


Assembly procedure:

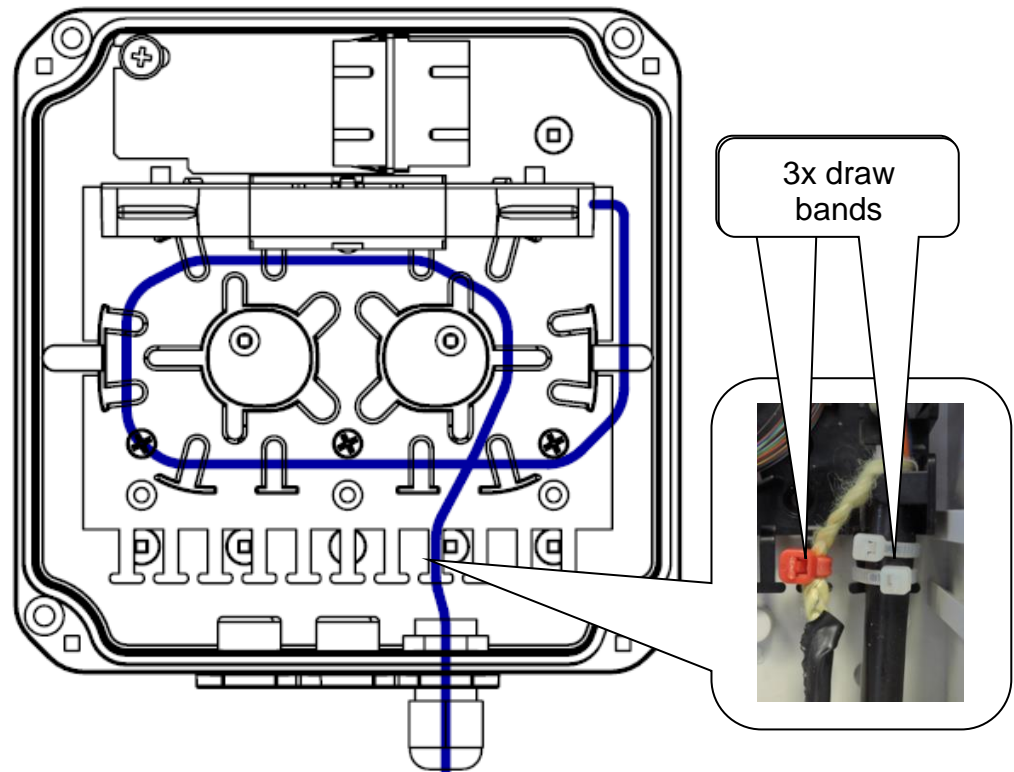
1. Attach the distribution box at the desired position using four wood screws of 3.5 mm diameter. The holes for plugs drilled in the wall should be 5 mm in diameter.



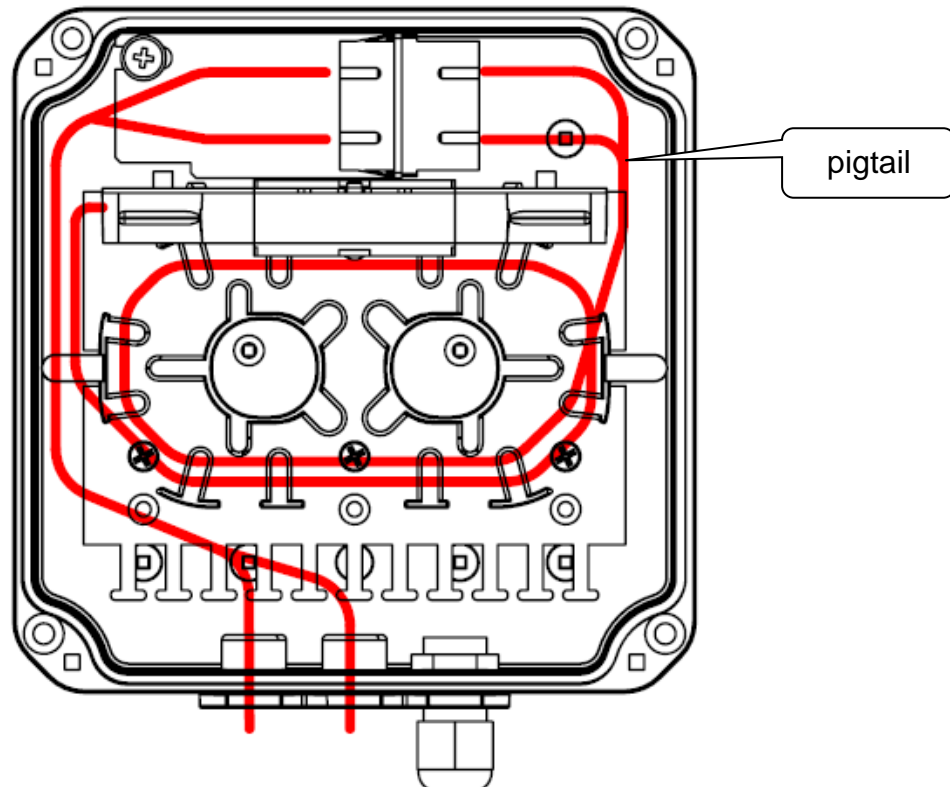
2. Using an appropriate tool, remove the outer jacket from the cable end and clean gel, if any, along at least 1.5 m. Insert the cable into the distribution box.



3. Fix cables and aramid yarn with draw bands. Remove protective tubing from buffers and lead fibres into cassettes as shown.



4. Fit the connector panel with SC duplex adapters without flanges (unless already fitted). Connect 1.5 m long pigtails to the adapters (unless already fitted). For inserting pigtail fibres in the cassettes, see the diagram. For easier access to the connector panel, the panel can be removed by loosening the screw.

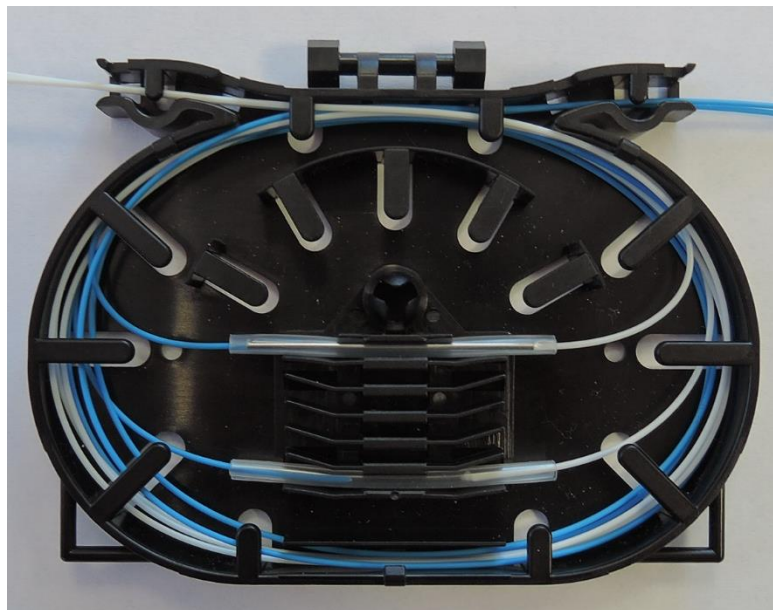




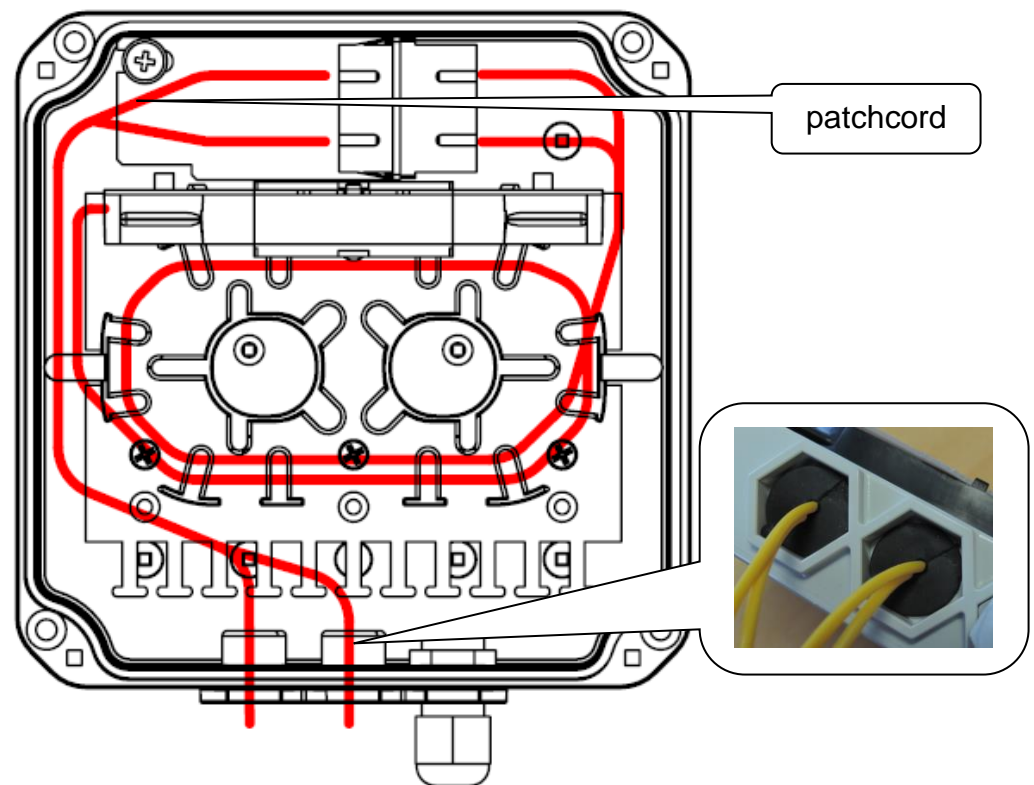
5. Splice pigtails onto the inlet cable optical fibres. The maximum length of splice protection is 45 mm. Place the splices (two in each groove of the holder one above the other) and optical fibre reserves into the cassette and replace the cassette lid. Keep the prescribed length reserves and observe the minimum bending radius of optical fibres.

Table of the lengths of fibres placed in the cassette.

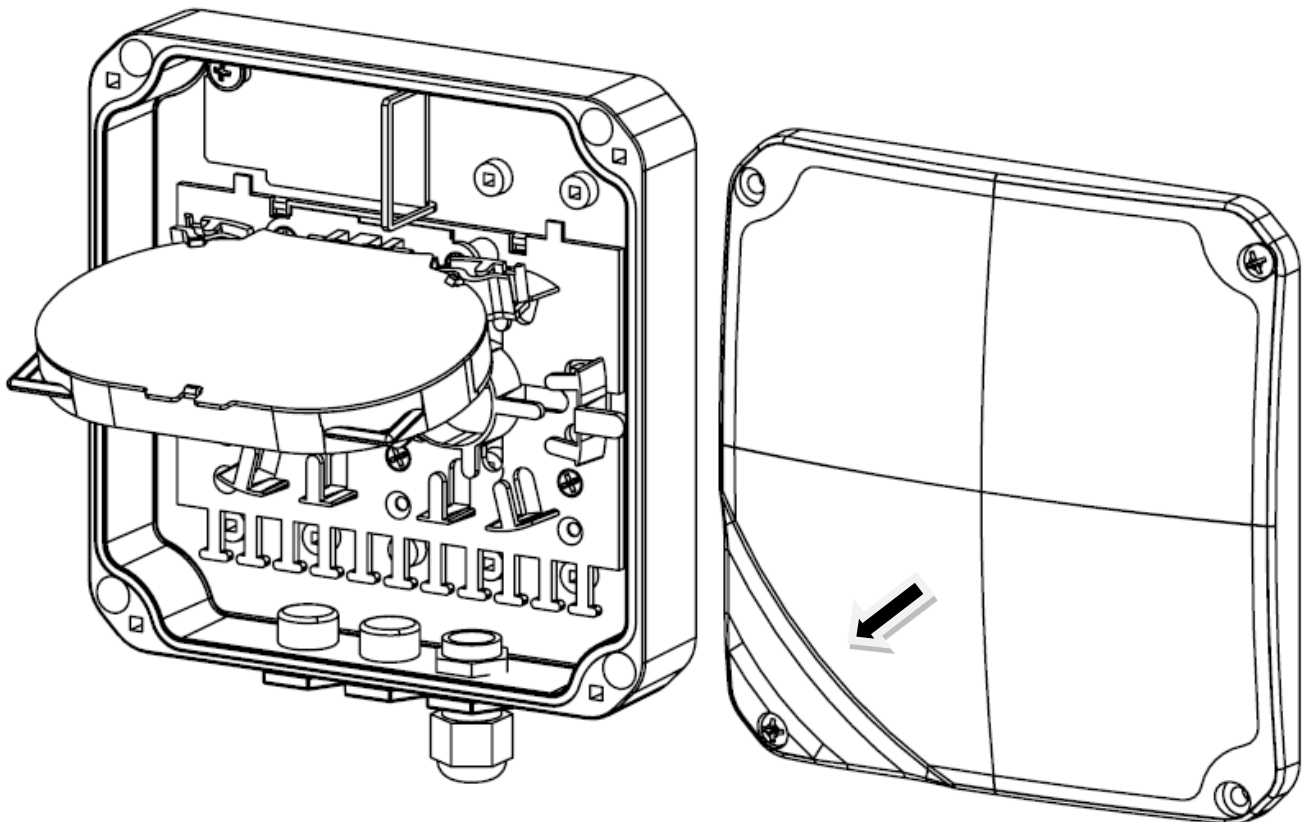
Number of revolutions	Min. (mm)	Max. (mm)
1	230	290
1,5	335	425
2	440	560
2,5	545	695
3	650	830
3,5	755	965
4	860	1180



6. Introduce the patchcords into the distribution box via the feed-throughs. Install the patchcord connectors into the adapters.

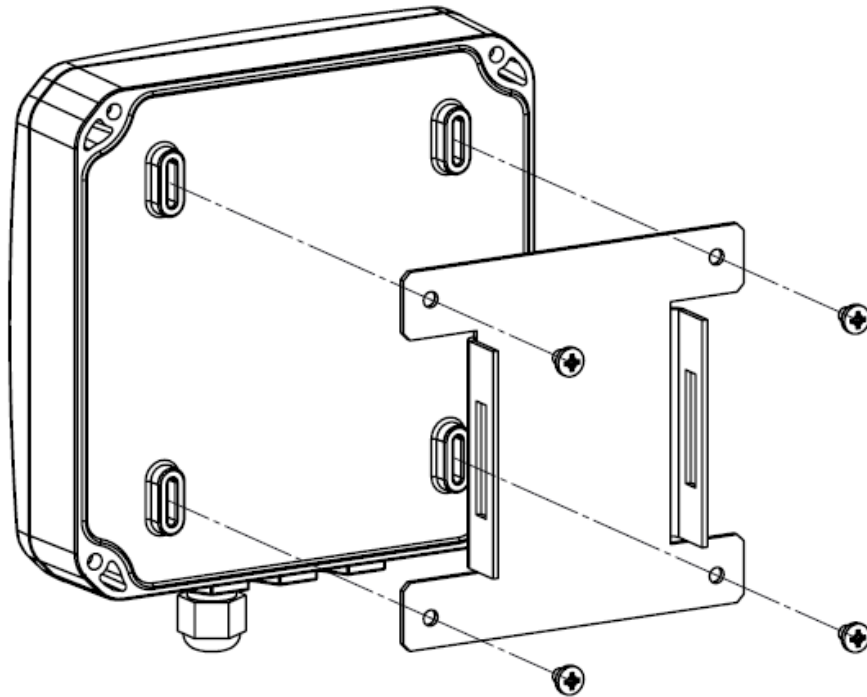


7. Close the distribution box with the lid. Mind the correct orientation.





8. If the box is post-mounted, attach the holder to the box from outside using the jointing material. Attach the box to the post using installation tape (not included).



9. The operations specified in Paragraphs 1-8 may only be performed by an authorized technician.

Example of equipment.

