Floor Distribution Outlet
VertHor

Distribution between <u>Vert</u>ical and <u>Hor</u>izontal cables

- Up to 24 drop cables
- Drop cable by the top &
** by the bottom**
- Vertical / horizontal tray
** to simplify the cabling**
- Distinct coiling areas to separate incoming fibres from dark fibres and outgoing fibres
- Wall-flat design
- Compatible with H/S, and Mechanical splices

Application:

The Floor Distribution Outlet product range is designed for branching optical fibre drops from a distribution cable in Multi-dwelling Units and Business locations (FTTH / FTTB).
VERTHOR boxes are designed for indoor wall mounting and branching of distribution cables coming from the top **and** the bottom.

The main functions are:

- To connect indoor optical distribution cables to drop or floor-distributions optical cords assuring splice management, cable anchoring, optical fibre over length storage and re-accessibility.
- To protect splices and bare fibres from the environment and unwanted handlings.

Description:

Cabling Configuration:
- Incoming Distribution optical cables can be either terminated or Mid-Span accessed and spliced to drop cables.
- A coiling area allow to manage length of tubes, bundles or fibers in the back of the base
- A tray is available to store, fix and protect the fibres and the splices.
- This tray has distinct coiling areas to separate incoming fibres from dark fibres (250µm), and outgoing fibres (250 or 900µm). Thus new connections can be made without disturbing the service on active fibres.
- The tray takes advantage of the small radius of the G657 fibres
- The tray can be horizontally or vertically oriented to offer a better and easier fibre access
- Up to 24 fusion splices or 12 mechanical splices can be stored on the integrated splice support.

Wall Mounting:
- The box is built with 2 plastic parts, the base and the cover that are clip-able and that can be secured with 2 ¼ turn screws (option)
- The base is fixed on the wall with 2 screws and expansion taps.

Cable anchoring:
- The distribution cable is fixed thanks to tie-raps (included) and by clamping the strength member (right or left position of the distribution cable by turning the box at 180°).
- Drops cables (top and bottom) are anchored using plastic tie-raps (included).
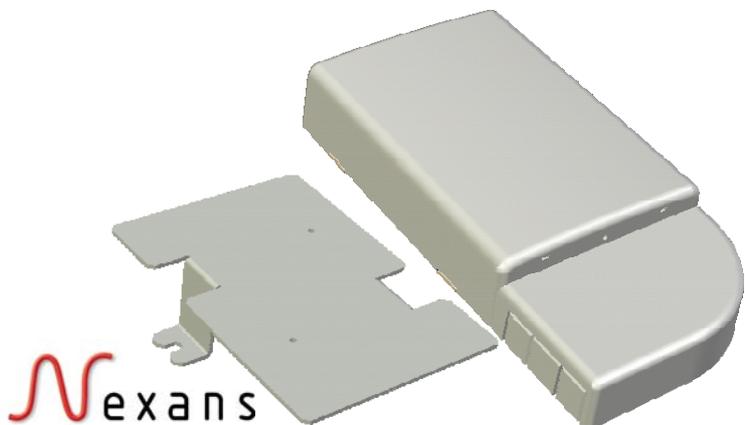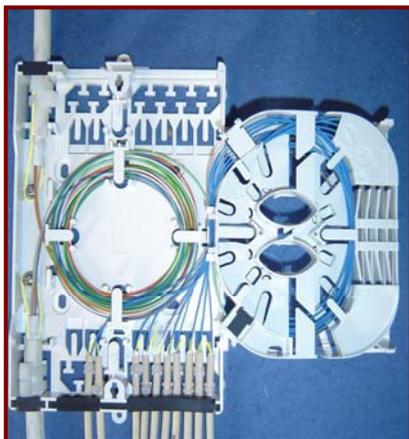
Cable protection:
- In case of a non hidden box, the cables remain visible and accessible. So cover extensions are available (top and bottom) to protect and improve aesthetics.

Main Features:

Body:	The body of the box is made of a base and a cover The cover has breakable cable ports (top and bottom)
Material:	Base and cover : ABS/PC, colour : RAL9010 (white) Material : V0
Temperature	-20 - +50C
Protection:	Indoor use (IP30 with the sealing kit)
Splice capacity:	Up to 12 splices (mechanical or fusion) in standard Up to 24 fusion splices with the optional splice holder
Cable diameter	- Distribution cables : up to 13.5 mm diameter - Drop cables : Up to 4.1mm diameter
Coiling capacity	1 coiling area for the bundles from the distribution cable in the back of the base 3 distinct coiling areas for incoming fibres (250µm), dark fibres (250µm), and outgoing fibres (250 or 900µm)
Size	Height: 180 ; Width: 125 ; Depth: 41.5 mm
Contents	1 base 1 cover 1 double side tray with 3 coiling areas 2 fibre clamps (250 and 900µm) 2 hinges (for vertical and horizontal hinge) 2 screws to fix the cable strength member 12 +4 ties raps 1 instruction manual 2 screws and expansion taps
Nexans references	Verthor 12 splices (std) : 10175484 Verthor 12 splices (secured by 2 ¼ turn screws) : 10175485 Verthor 12 splices + sealing kit (3 grommets) 10175623 Verthor 12 splices + sealing kit + securisation 10175625 Verthor 24 splices (std) 10176650
Options	Cover extension kit (1 left + 1 right) : 10173329 Sealing kit (3 grommets) 10173364 24 fusion splice holder 10174279 Full sealing kit (top + bottom) (4 grommets) 10179110 Wall spacer kit 10182449

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