

# WAVEPACE®

## FWO-X1

### Universal wall outlet for FTTH applications



- > Multifunctional junction box with 4 ports LC or 2 ports SC for fiber connection in network level 5
- > Extremely compact dimensions 80 x 80 x 29 mm (W x H x D)
- > Installation options for cavity wall box (60 mm mounting dimension), wall mounting, DIN rails and as click-on for DIY installation without access to the possibly pre-assembled fiber optics
- > Versatile cable entries for all installation cases, from all sides as well as from behind
- > 4 adapter positions possible (from freely accessible patch cord connection to fully secured)
- > Single port access possible through individual housing cutouts
- > Stable and pleasing housing made of white polycarbonate
- > Large and free access area due to contour design for safe handling access
- > Hinged splice tray with molded universal splice protector holder for crimp, heat shrink or Micro Smouv (Mini HS) splice protectors
- > Integration option of reflector elements, also inline for remote service
- > Stable bearing of the splice cassette to avoid pressure on the connectors during assembly
- > Cable and wire entry opening also allows LC and SC connectors to be fed through
- > Available versions: Empty housing, pre-terminated with adapters and/or pigtails and with in-house "pizza box" style cable on roll-off carton
- > All pre-assembled adapters provide spring-loaded protection hood (shutter)

	FWO-X1-empty	FWO-X1-SC/APC-2	FWO-X1-LC/APC-1	FWO-X1-SC/APC-2-2F	FWO-X1-LC/APC-1-2F	FWO-X1-xx-SC/APC-4F	FWO-X1-xx-LC/APC-4F
<b>Application</b>	-			Splice/patch			Patch
<b>Interface</b>	-	2 x SC/APC simplex adapters	1 x LC/APC duplex adapter	2 x SC/APC simplex adapters & 2 x pigtails	1 x LC/APC duplex adapter & 2 x pigtails	2 x SC/APC simplex adapters & pre-assembled cable (4 fibers)	2 x LC/APC duplex adapters & pre-assembled cable (4 fibers)
<b>Dimensions (H x W x D) [mm]</b>	80 x 80 x 29						
<b>Mounting options</b>	On a cavity wall box (60 mm mounting dimension), wall mounting, DIN rails (horizontal & vertical) and as click-on for DIY installation with pre-assembled fiber optics						
<b>Material wall outlet</b>	Plastic material ABS (LSOH, RoSH, REACH compliant, UI-94V0)						
<b>Color</b>	White						
<b>Cable feed</b>	From the bottom up to 5 mm, up to 4 mm from the top, left and right side and generally from the back						
<b>Adapterqualität</b>	-	Adapter with ceramic sleeve and spring-loaded protection hood for dust and laser protection (shutter)					
<b>Adapter quality</b>		Grade B, Level 1 classification according DIN EN IEC 61753-1:2019-10 with ceramic ferrule					
<b>Insertion loss IL [dB max.]</b>					0,25		
<b>Return loss RL [dB min.]</b>					65		
<b>Safety</b>	Cover of the FWO-X1 can additionally be secured with a screw						
<b>Special features</b>	For self assembly with adapters and pigtails					In-house cable Ø 2,65 mm using G.657.A2 fiber, fire protection class Dca-s2, d2; <b>various cable lengths available</b> Non-used 2 fibers are stored in the splice tray	-

Subject to technical changes. Version 1.0



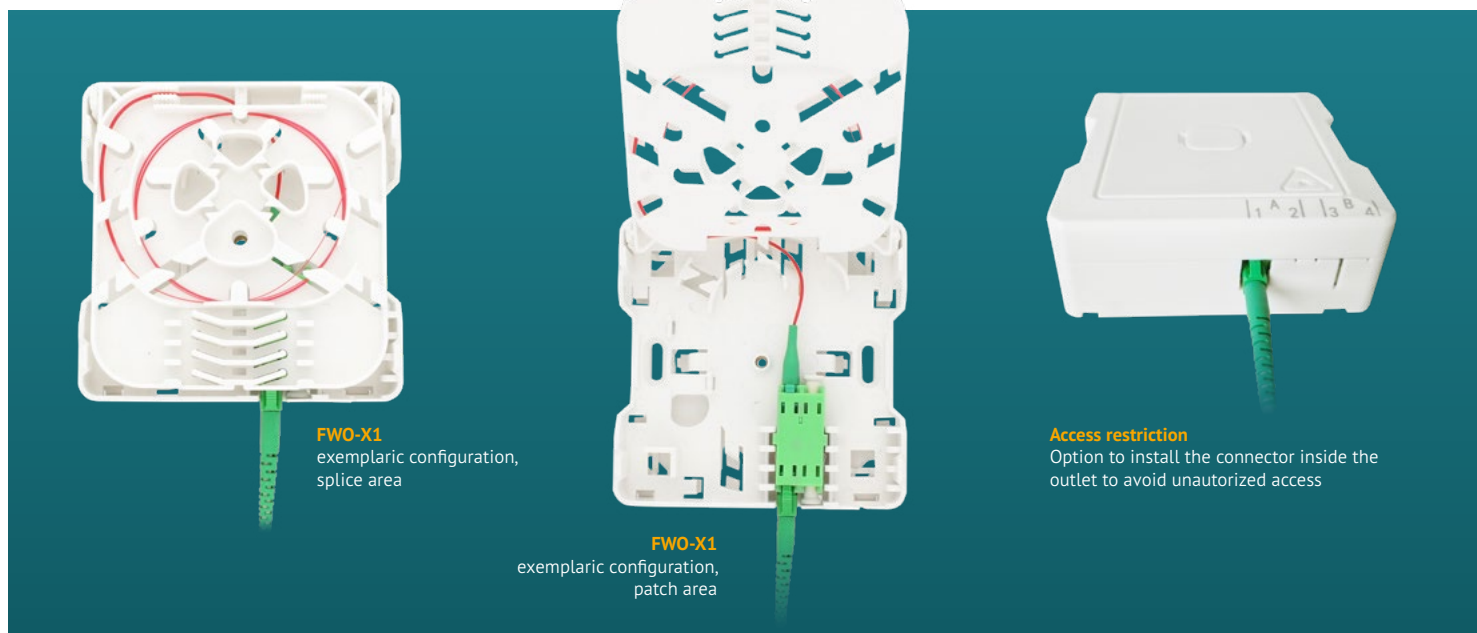
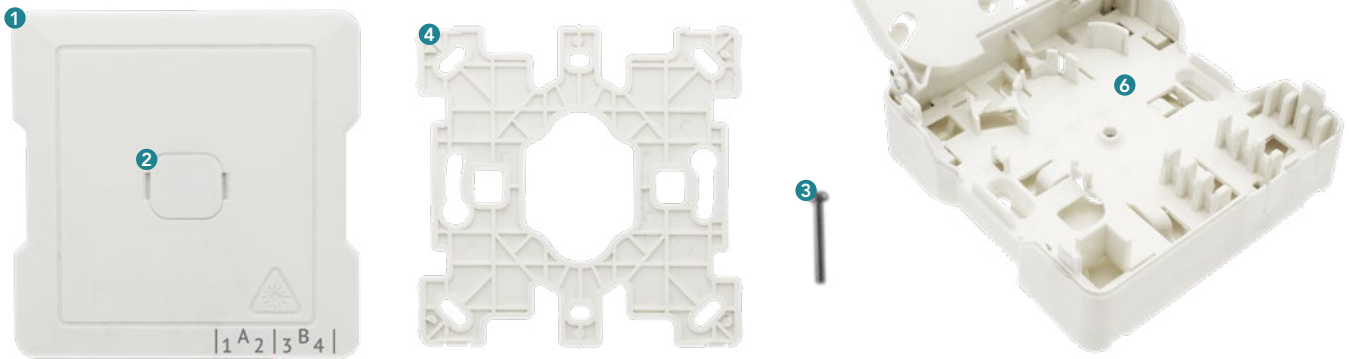
The entire WAVEPACE® product range and a list of sales partners is available at [www.wavepace.com](http://www.wavepace.com)

Do you have any questions about WAVEPACE® products? Please send us an email to [info@wavepace.com](mailto:info@wavepace.com)

# Details and product variants of the FTTH wall outlet FWO-X1

## Construction of the individual components

- 1 Self-locking cover
- 2 Screw cover, self locking
- 3 Locking screw
- 4 Click-on frame
- 5 Hinged splice tray, mounted
- 6 Basic housing

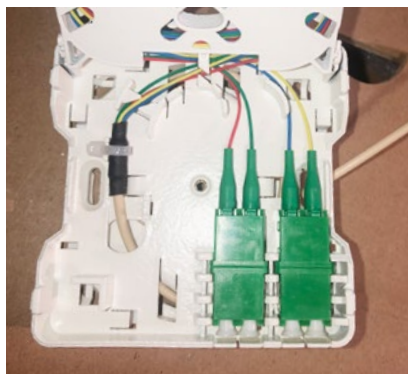


**FWO-X1**  
exemplar configuration,  
splice area

**FWO-X1**  
exemplar configuration,  
patch area

**Access restriction**  
Option to install the connector inside the  
outlet to avoid unauthorized access

## Further product versions



**Special configuration**  
in accordance with the  
specifications of the  
German subsidized fiber  
optic rollout



**Pre-assembled  
"Pizza box"**  
With in-house cable on  
roll-off carton, available  
in different cable  
lengths

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