

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-LC/APC-2	FWO-X1-SC/APC-2-2F	FWO-X1-LC/APC-1-2F	FWO-X1-xx-SC/APC-4F	FWO-X1-xx-LC/APC-4F	
Application	-	Splice/patch						Patch	
Interface	-	2 x SC/APC simplex adapters	1 x LC/APC duplex adapter	2 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)	
Dimensions (H x W x D) [mm]	80 x 80 x 29								
Mounting options	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								
Material wall outlet	Plastic material ABS (LSOH, RoSH, REACH compliant, UI-94V0)								
Color	White								
Cable feed	From the bottom up to 5 mm, up to 4 mm from the top, left and right side and generally from the back								
Adapter quality	-	Adapter with ceramic sleeve and spring-loaded protection hood for dust and laser protection (shutter)						Grade B, Level 1 classification according DIN EN IEC 61753-1:2019-10 with ceramic ferrule	
Connector quality									
Insertion loss IL [dB max.]							0,25		
Return loss RL [dB min.]							65		
Safety	Cover of the FWO-X1 can additionally be secured with a screw								
Special features	For self assembly with adapters and pigtails							In-house cable Ø 2,65 mm using G.657.A2 fiber, fire protection class B2ca-s1a, d0, a1, various cable lengths available Non-used 2 fibers are stored in the splice tray	

Subject to technical changes. Version 1.2



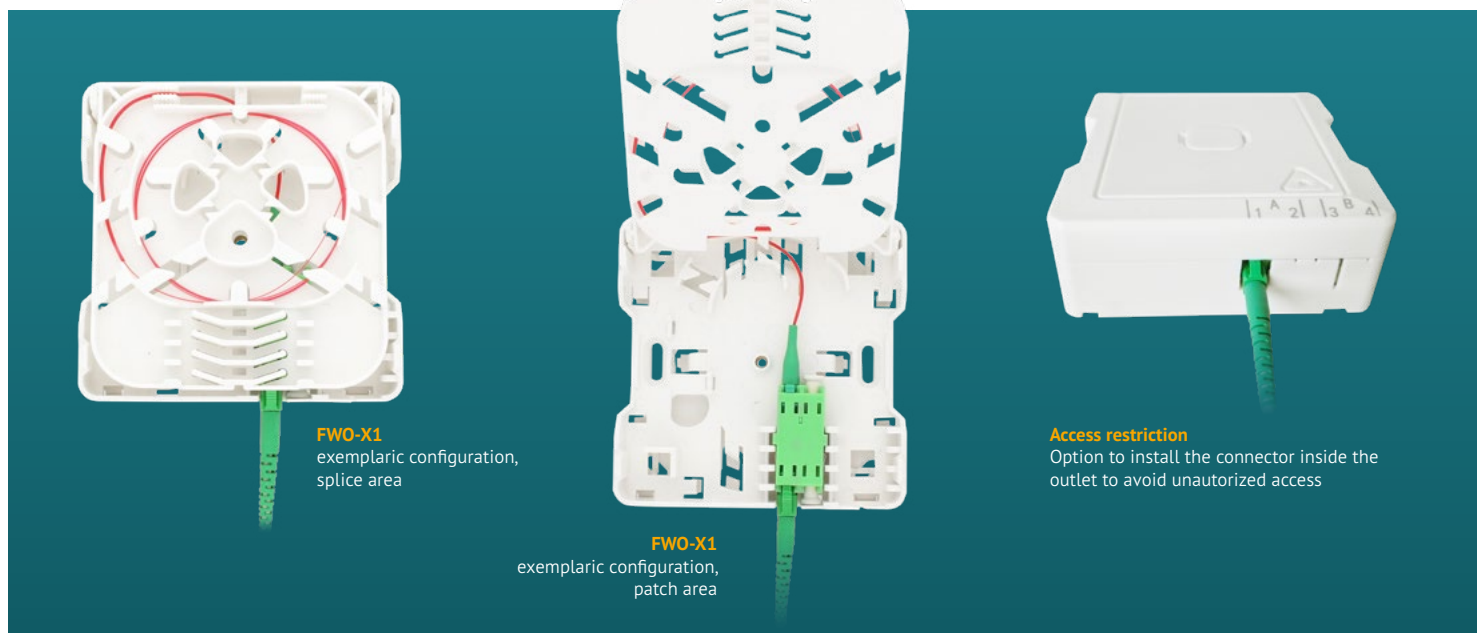
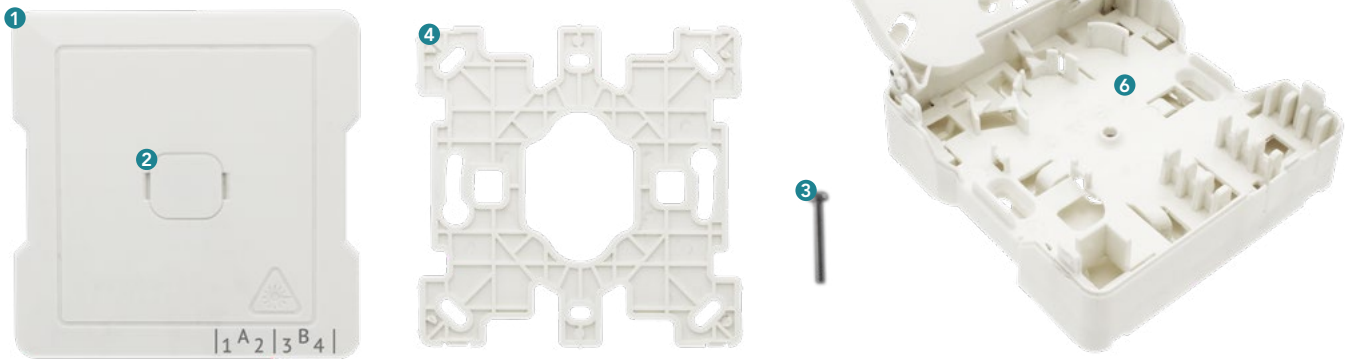
The entire WAVEPACE® product range and a list of sales partners is available at www.wavepace.com

Do you have any questions about WAVEPACE® products? Please send us an email to 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
exemplaric configuration,
splice area

FWO-X1
exemplaric 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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