

# WAVEPACE® FWO-X1

Universal wall outlet for the FTTH subscriber connection



**10418800**  
FWO-X1-empty



- 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)

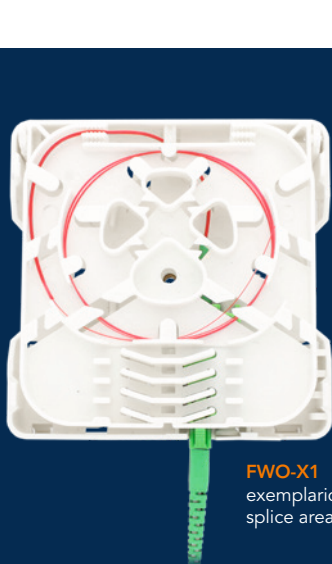
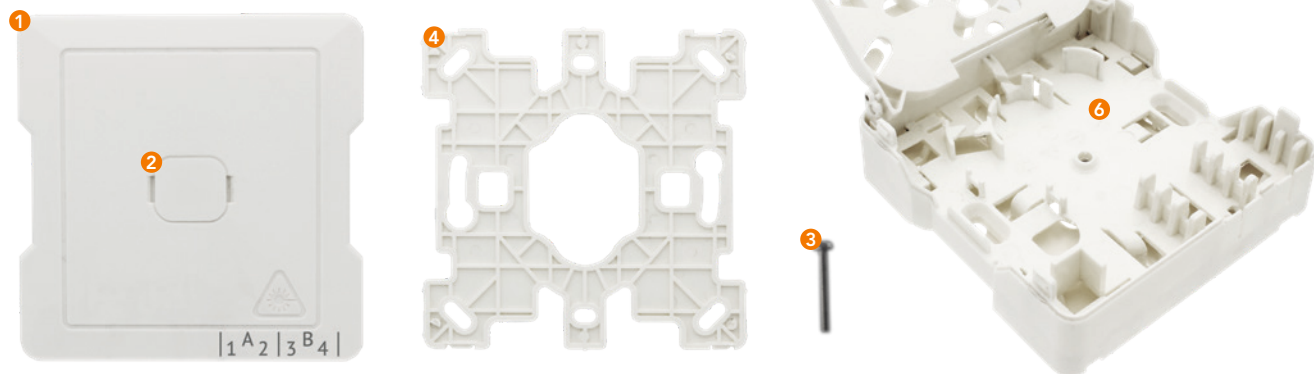
Parameter	FWO-X1- empty	FWO-X1- SC/APC-2	FWO-X1- LC/APC-1	FWO-X1- SC/APC-2-2F	FWO-X1- LC/APC-1-2F	FWO-X1- xx-SC/APC-4F	FWO-X1- xx-LC/APC-4F
Application	–	Splice/patch					Patch
Interface	–	2 x SC/APC simplex adapters	1 x LC/APC duplex adapter	2 x SC/APC simplex adapters & 2 x pigtails	1 x LC/APC duplex 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)
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						
Adapterqualität	–	Adapter with ceramic sleeve and spring-loaded protection hood for dust and laser protection (shutter)					
Adapter quality	–			Grade B, Level 1 classification according DIN EN IEC 61753-1:2019-10 with ceramic ferrule			
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 Dca-s2, d2; cable lenght options see below Non-used 2 fibers are stored in the splice tray	–
Order No.	10418800	10418822	10418820	10418823	10418821	15 m 10418811 30 m 10418813 50 m 10418815	15 m 10418801 20 m 10418802 30 m 10418803 50 m 10418805 80 m 10418808 100m 10418809

# WAVEPACE® FWO-X1

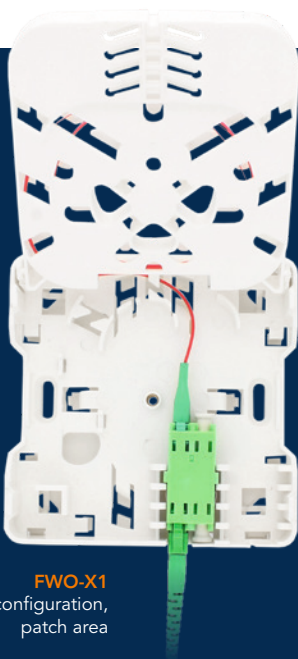
## Details of the WAVEPACE® FWO-X1

### 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

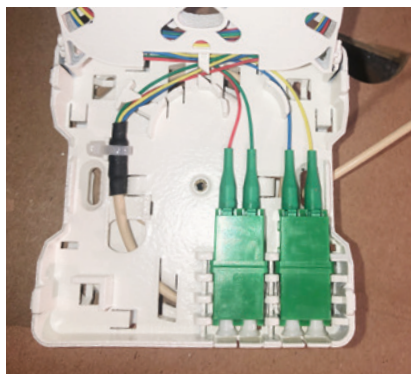


**FWO-X1**  
exemplaric configuration,  
patch area



**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 (please  
refer to the table)