



## Fibre Wall Outlet

### 4 X SC Simplex or LC Duplex Adaptors

#### Application/Product Description

The Fibre Wall Outlet (FWO) provides a fibre optic cable connection point designed to provide the final connection to the router or active equipment.

The FWO is a small single socket size outlet which is manufactured from Polycarbonate + ABS V0 rated material.

The outlet has cable entry positions at the base, rear and on each side. Designed with fibre management features which ensure a 30mm minimum bend radius and cable tie fixings at all entry ports to provide strain relief.

Tamper-proof latches on the side of the outlet secure the cover to the base and the overhang restricts the removal of any adaptors and connectors when the cover is in place.

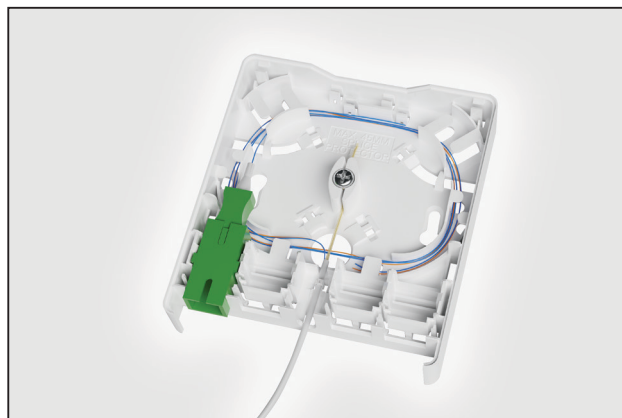
Supplied with 4 output port covers which can be used to provide additional shielding of the adaptors prior to fitting the customer connection cable.

The base has adjustable keyholes to allow for ease of positioning and installation and each outlet is supplied with a standard fixing kit.

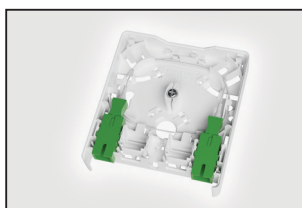
The outlet can be supplied either unloaded, with a pre-terminated connector to bare end connection cable or with adaptors and pigtails.

The base of the Fibre Wall Outlet (FWO) has been improved with a new feature: the oval centre part has been modified to become a new attachment point for the strength member. A screw (M4x5mm) has been added to enable the clamping of this Aramid strength member. Overall, this product enhancement gives a better anchoring and reduced any undue stress on the fibre cables that might affect the optical performance.

Dimensions (mm)	H	W	D
	95	86	21
Maximum number of splices	4 (up to 45mm)		
Maximum number of adaptors	4 x SC Simplex or LC Duplex		
Weight (kg)	0.045		
Housing material	Polycarbonate + ABS		
Colour	White		
Mechanical IK protection	IK07		
Strength member retention force (N)	30		



Fibre Wall Outlet with 1 x SC APC Adaptor and Pre-terminated Drop Cable.



Adaptors and Pigtails Configuration.



Anchoring Point Detail.

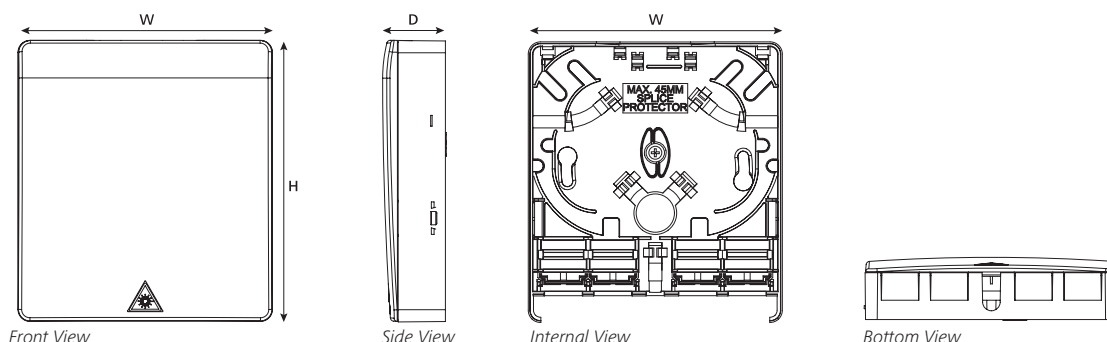
#### Features and Benefits:

- Available in 3 configurations
  - Pre-terminated connector to bare end connection cable
  - Adaptors and pigtails
  - Unloaded
- Maximum 8 LC connections (Pre-terminated solution only)
- Maximum 4 3A/ANT splice positions
- 4 cable entry positions
- 30mm minimum bend radius
- Integrated safety features – restricts removal of connectors/adaptors
- V0 rated
- IP20 rated
- New anchoring point feature for the strength member

Part Numbers	Description
FWOA-XX/WH	Unloaded
FWOA-XX-VX/WH	FWO with 1 x SC SX APC Adaptor
FWOA-SXW21-010/WH	FWO with 1 x SC SX PC Adaptor and 1 x 10m 2 fibre pre-terminated cable

Example part numbers shown. Other configurations available upon request.

#### Technical Diagrams





#### Pre-Terminated Configuration

- Maximum of 4 SC or 8 LC connections
- Maximum Adaptor Capacity: 4 SC SX/4 LC DX
- Cable entry at the base or rear
- Pre-terminated cable lengths
  - 5m - 25m in 5m steps
  - 30m - 100m in 10m steps
- Connection cable G657.A1
- Supplied with cable connection(s) fitted in to the adaptor(s)

Cable Type		G657.A1		
Number of Fibres		2	4	8
Nominal Weight (kg/km)		7.0	8.5	11.5
Maximum Tensile Strength (N)	Short Term	150	200	300
	Long Term	80	100	120
Nominal Outer Diameter (mm)		3.0±0.15		
Minimum Bend Radius (mm)	Dynamic	20D		
	Static	10D		

#### Adaptors and Pigtails Configuration

- Maximum of 2 SC or 4 LC connections
- Maximum 4 3A/ANT splices
- Fibre storage capacity
  - 4m x 250µm
  - 4m x 900µm

Cable Type		G657.A1		
Nominal Outer Diameter (µm)		900		
Cable Colour		White		
Cable Length (m)		1.0 ± 150mm		
Operating Temperature (°C)		-20 to +60		

#### Accessories



**Glue Cartridge (30cl)**  
(Pack of 10)

FFO-GLCART30-10



**Glue Dispenser**  
(inc tips)

FFO-GLDISP



**2.0mm Cable Clips**  
(bag of 100)

FFO-C2CLIPS/100



**3mm Doorway P-Clips**  
(bag of 100)

FFO-PCLIPS/100

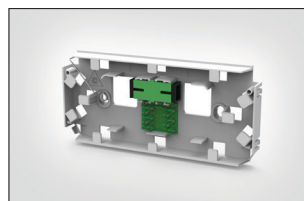


**Cable Management Kit**  
Corner bend managers x 8  
with hole plugs & caps x 2

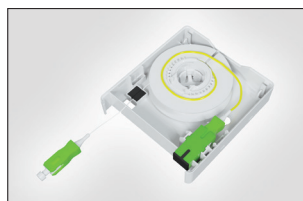
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#### Associated Products

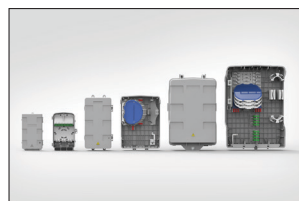
See datasheets for more information. Other configurations available upon request.



**Internal Corridor Box (ICB)**  
SC/APC DX Adaptor



**Faint Fibre Outlet (FFO)**  
SC/APC SX Adaptor



**MDU Range**  
S1SX, S1, S2/S2XL, S3, S4, S5

#### Typical Network Setup

