

Fibre Optic Wall Enclosure (FWE)



AFL's Fibre Optic Wall Enclosure's (FWE) professional appearance makes them ideal for any office or corporate installation or where space is at a premium and racks cannot be used. They are especially suited for direct termination, or fusion splicing. The dual compartments comprise a left termination compartment and a right side customer patching compartment. Both sides can be locked independently to prevent unauthorised entry.



4 Panel Enclosure with 48F tight buffered pre-terminated cable



2 Panel Enclosure loaded with two splice cassettes and pigtails, mounted in the termination compartment

Features

- Modular apertures in the internal panel, to suit flat or angled panels for various connector types and densities
- Lockable compartments for restricted entry
- Internal fibre clips for managing incoming cables and fibre pigtails
- Top and bottom cable entry/exit points for ceiling or floor access
- Large knockout with grommet on customer side
- Double hinged door on the customer patching side to accommodate modular MTP cassettes

Applications

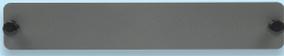
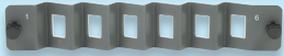
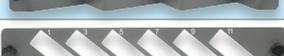
- Indoor fusion splicing and direct termination of loose tube and tight buffered cables
- Remote cable terminations (i.e. communications rooms, warehouses, campuses, high-rise buildings, etc.)
- Data centre and SAN environments requiring MTP or pre-terminated cabling solutions

Technical Specifications

PART NUMBER	FWE-MOD-12-C	FWE-MOD-24-C	FWE-MOD-8PNL
Description	2 Panel Compact Modular Wall Enclosure	4 Panel Mid Range Wall Enclosure	8 Panel Large Modular Wall Enclosure
Dimensions (mm) (w) x (d) x (h)	310 x 90 x 250	410 x 90 x 330	410 x 150 x 330
Weight (kg)	2.8	4.2	5.1
Maximum modular internal panels or MTP cassettes	2	4	8
Maximum fibre count	24 ST, SC, FC & 48 LC	48 ST, SC, FC & 96 LC	96 ST, SC, FC & 192 LC
Maximum Incoming/Outgoing cable ports:			
Top LHS / Top RHS	1 x 20mm , 1 x 25mm / 1 x 38.5mm	2 x 20mm, 2 x 25mm / 2 x 38.5mm	1 x 21mm , 1 x 25mm , 2 x 32mm / 4 x 38.5mm
Bottom LHS / Bottom RHS	1 x 20mm , 1 x 25mm / 1 x 38.5mm	2 x 20mm, 2 x 25mm / 2 x 38.5mm	1 x 21mm , 1 x 25mm , 2 x 32mm / 4 x 38.5mm
Material and colour	1.2mm Mild Steel Sheet, Light Grey (RAL7035)		
Accessory kit	Standard accessory kit includes: cable management clips, strain relief post, cable ties, velcro strap, rubber grommets to suit 38.5mm holes and connection record sheet		

FWE Fibre Optic Wall Enclosure

Ordering Information

PANELS		
FRE-BLANK	Blank Panel	
FRE-SC06H-FL1/6	SC/LCD 6P Panel 1-6HP Flat	
FRE-SC06H-AL1/6	SC/LCD 6P Panel 1-6HP Angle left	
FRE-SC06H-AR1/6	SC/LCD 6P Panel 1-6HP Angle right	
FRE-SC12D-FL1/12	SC/LCD 12P Panel 1-12DP Flat	
FRE-SC12D-FL13/24	SC/LCD 12P Panel 13-24DP Flat	
FRE-SC12H-AL1/12	SC/LCD 12P Panel 1-12HP Angle left	
FRE-SC12H-AR1/12	SC/LCD 12P Panel 1-12HP Angle right	
FRE-SC12V-AL1/12	SC/LCD 12P Panel 1-12VP Angle left	
FRE-SC12V-AR13/24	SC/LCD 12P Panel 13-24VP Angle right	
FRE-SCD03H-FL1/6	SC Duplex 3P Panel 1-6HP Flat	
FRE-SCD03H-AL1/6	Duplex 3P Panel 1-6HP Angle left	
FRE-SCD03H-AR1/6	Duplex 3P Panel 1-6HP Angle right	
FRE-SCD06D-FL1/12	SC Duplex 6P Panel 1-12DP Flat	
FRE-SCD06H-AL1/12	SC Duplex 6P Panel 1-12HP Angle left	
FRE-SCD06H-AR1/12	SC Duplex 6P Panel 1-12HP Angle right	
FRE-ST06H-FL1/6	ST/FC 6P Panel 1-6HP Flat	
FRE-ST06H-AL1/6	ST/FC 6P Panel 1-6HP Angle left	
FRE-ST06H-AR1/6	ST/FC 6P Panel 1-6HP Angle right	
FRE-ST12D-FL1/12	ST/FC 12P Panel 1-12DP Flat	
FRE-ST12D-FL13/24	ST/FC 12P Panel 13-24DP Flat	

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Optional Accessories

PART NUMBER	DESCRIPTION	
SPLCASS-SSH-HD-6/12K	Splice Cassette Kit, Small Stack HD COMBS 6/12F	 <p>Suits 2 Panel Enclosures only</p>
SPLCASS-SSH-HD-12/24K	Splice Cassette Kit, Small Stack HD COMBS 12/24F	
SPLCASS-SSH-HD-18/36K	Splice Cassette Kit, Small Stack HD COMBS 18/36F	
SPLCASS-SSH-HD-24/48K	Splice Cassette Kit, Small Stack HD COMBS 24/48F	
SPLCASS-LSH-HD-12/24K	Splice Cassette Kit with HD Comb for up to 24 Splices	 <p>Suits 4 and 8 Panel Enclosures only</p>
SPLCASS-LSH-HD-24/48K	Splice Cassette Kit with HD Combs for up to 48 Splices	
SPLCASS-LSH-HD-36/72K	Splice Cassette Kit with HD Combs for up to 72 Splices	
SPLCASS-LSH-HD-48/96K	Splice Cassette Kit with HD Combs for up to 96 Splices	
SPLCASS-LSH-HD-60/120K	Splice Cassette Kit with HD Combs for up to 120 Splices	
SPLCASS-LSH-HD-72/144K	Splice Cassette Kit with HD Combs for up to 144 Splices	
SPLCASS-LSH-HD-84/168K	Splice Cassette Kit with HD Combs for up to 168 Splices	
SPLCASS-LSH-HD-96/192K	Splice Cassette Kit with HD Combs for up to 192 Splices	
FWE-KEYLOCK	Both key locks are supplied with the same key. A different key lock can be supplied for the termination compartment to prevent unauthorised entry. Lock is supplied with 2 keys	

Full range of additional accessories available including:

- Pigtails
- Simplex and duplex adapters
- MTP flat or angled cassettes (a larger size gland will be required for cable entry when MTP cassettes are being installed)
- Splicing consumables
- Termination consumables
- These optional accessories can be ordered as a kit with any enclosure. Contact AFL for part numbers.