



FRE Fibre Optic Rack Enclosure – Wingback

AFL's range of 'Wingback' rack mount enclosures are proudly designed and assembled in Australia.

This range of enclosures are especially suited for the patching, housing and direct termination of 6 to 288 fibres.

The Wingback enclosure has been specifically designed for the management of MTP or pre-terminated (trunk) cable systems. They are ideally suited for a Data Centre or SAN environment, or any environment requiring quick and efficient connect and disconnects.

Features

- Modular front design to suit flat or angled panels for various connector types and densities
- Unique angled left and right rear cable entry for easy cable access and fixing, no glands required
- Printed markings on the front apertures for fibre identification
- Removable lid for easy installation and access
- 3 position adjustable side brackets for various mounting options within 19" rails
- Comprehensive accessory kit for rack-mounting, cable entry and fibre management included

Applications

- High density requirements
- Direct termination of tight buffer cables
- Pre-terminated loose tube or riser cables
- Data centres and SAN environments requiring MTP or pre-terminated cabling solutions

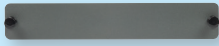
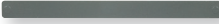
























Technical Specifications

PART NUMBER	FRE-1RU-MOD-WB	FRE-2RU-MOD-WB	FRE-3RU-MOD-WB	FRE-3RU-MOD-WB-V
Description	1RU 2 panel modular wingback fixed enclosure	2RU 4 panel modular wingback fixed enclosure	3RU 8 panel modular wingback fixed enclosure	3RU 12 panel modular wingback fixed enclosure
Dimensions (mm) (w) x (d) x (h)	434 x 250 x 44	434 x 250 x 88	434 x 250 x 132	434 x 250 x 132
Weight (kg)	2.6	3.4	4.2	4.2
Max modular front panels or MTP cassettes (not inc – V)	2 horizontal	4 horizontal	8 ¹ horizontal	12 vertical
Max fibre count	24 ST, SC, FC & 48 LC	48 ST, SC, FC & 96 LC	96 ST, SC, FC & 192 LC	144 SC & 288 LC
Max recommended incoming cables	4 each side	8 each side	12 each side	12 each side
Material and colour	Powder coated 1.6 mm mild steel – Charcoal grey			
Accessory kit	Standard accessory kit includes: cable management clips, strain relief post, cable ties, fixing bolts and nuts, Velcro strap and connection record sheet			

1. This enclosure can hold up to 4 half size blank panels (FRE-BLANK-SML), in order to evenly space 6 standard adaptor panels







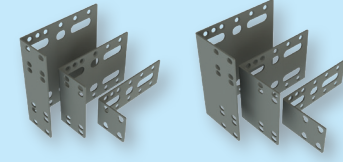
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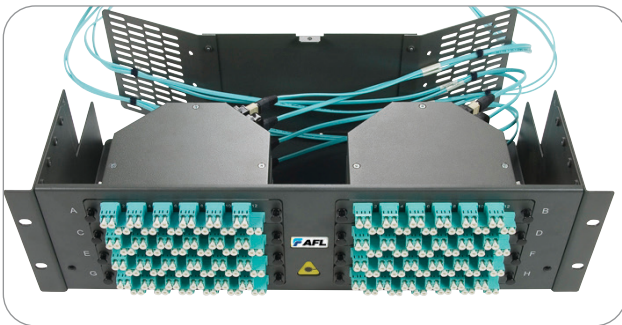
Accessories

PANELS		
FRE-BLANK	Blank Panel	
FRE-BLANK-SML	Blank Panel 1/2 Size (8 Panel 3RU only)	
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	SC Duplex 3P Panel 1-6HP Angle left	
FRE-SCD03H-AR1/6	SC 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	
<p>These panels suit the MOD-12 faceplate on 3RU Enclosures. All adaptor panels are angled and can be used in the left or right hand side of the front panel.</p> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;">  <p>FRE-SC06V-AU 6 Port SC/LCD Vertical Angled</p> </div> <div style="text-align: center;">  <p>FRE-BLANK-V Vertical Blank Panel</p> </div> <div style="text-align: center;">  <p>FRE-SCD06V-AU 6 Port SC Duplex Vertical Angled</p> </div> <div style="text-align: center;">  <p>FRE-SC12V-AU 12 Port SC/LCD Vertical Angled</p> </div> </div>		

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Accessories

PART NUMBER	DESCRIPTION	
FRE-1RU-CTRAY	1RU Front Mount Cable Tray with ID strips	
FRE-1RU-CTRAY-LP	1RU Front Mount Cable Tray Low Profile	
FRE-1RU-CTRAY-EX	19" 1RU Rail Mount Cable Tray with ID strips	
FRE-1RU-CTRAY-HG	1RU front mount cable tray with hinged cover	
FRE-2RU-CTRAY-HG	2RU front mount cable tray with hinged cover	
FRE-3RU-CTRAY-HG	3RU front mount cable tray with hinged cover	
FRE-1RU-STO	1RU sliding storage tray	
FRE-2RUCOVER-STO	2RU Cover – Suits 1RU+STO	
FRE-2RUCOVER-STO-ID	2RU Cover Kit with ID Strips – Suits 1RU+STO	
FRE-3RUCOVER-STO	3RU Perspex cover, no labelling	
FRE-3RUCOVER-STO-ID	3RU Perspex cover, with I.D labelling	
FRE-4RUCOVER-STO	4RU Perspex cover, no labelling	
FRE-4RUCOVER-STO-ID	4RU Perspex cover, with I.D labelling	
FRE-1RUXEAR21	19" to 21" 1RU mounting ear pair - suits RU and SU racks	
FRE-1RUXEAR23	19" to 23" 1RU mounting ear pair - suits RU and SU racks	
FRE-2RUXEAR21	19" to 21" 2RU mounting ear pair - suits RU and SU racks	
FRE-2RUXEAR23	19" to 23" 2RU mounting ear pair - suits RU and SU racks	
FRE-3RUXEAR21	19" to 21" 3RU mounting ear pair - suits RU and SU racks	
FRE-3RUXEAR23	19" to 23" 3RU mounting ear pair - suits RU and SU racks	
<p>Full range of additional accessories available including:</p> <ul style="list-style-type: none"> • Pigtails • Simplex and duplex adapters • Splicing consumables • Termination consumables <p>These optional accessories can be ordered as a kit with any enclosure. Contact AFL for part numbers.</p>		



3RU enclosure with 8 MTP cassettes giving a maximum of 192 fibre connections



1RU enclosure with 2 x 12 fibre pre-terminated cables giving a maximum of 24 fibre connections