

ENTERPRISE RACKMOUNT ENCLOSURES

ENTERPRISE RACKMOUNT ENCLOSURES – 1 RU

Fibre Systems offers configurable, rack-mountable fixed and sliding fibre optic breakout enclosures compatible with both indoor and outdoor fibre cable types. These enclosures accommodate patching, direct termination, or splicing in 1RU. Various adaptor panels are available—including flat, angled, and high-density front panel options.



FEATURES

- Australian Designed and Built
- 1RU configurable layouts
- Choice of conventional adapter plates or high-density front panels
- Includes cable glands, anchor, and internal fibre clips
- Durable double sliding mechanism
- Optional flat (with four rodent-proof knockouts) or angled rear brackets
- Compatible with unterminated and pre-terminated cables
- Supports multiple splice tray types

APPLICATIONS

- Suitable for both low and high-density indoor applications
- Fusion splicing for seamless connectivity
- Direct termination of fibre optic cables, including quick-connect options and field terminations
- Utilisation of pre-terminated loose tube or riser cables
- Rodent-resistant installation solutions

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Technical Specifications

1 RU FIXED ENCLOSURE			
Part Number	FSY-1RU-F-X		
Description	1RU Fixed Panel + 2 Panel Modular Plates		
Dimensions (mm) H x W x D	44.5 x 482 x 200 mm		
Weight	4 kg		
Fibre Core Count	24 SC, ST, FC and 48 LC		
Max. Splice Capacity	72F with standard cassette stack 96F with HD cassette option		
Max. Ingress Cables	Standard / Rodent Proof knock out 2 each / 4 total		
Material / Finish	Grey powder coated steel		
Accessories	Supplied with cable glands, tie down point and internal fibre clips		
Tray Configuration	S = Loaded Splice Tray	P = Loaded Fibre Spool	U = Unloaded

1RU SLIDING ENCLOSURE			
Part Number	FSY-1RU-S-X		FSY-1RU-S-48-X
Description	1RU Fibre Optic Rack Mount Enclosure: Configurable Sliding		
Dimensions (mm) H x W x D	44.5 x 482 x 258 mm		
Weight	4 kg		
Fibre Core Count	24 SC, ST, FC and 48 LC		
Max. Splice Capacity	72F with standard cassette stack 96F with HD cassette option		
Max. Ingress Cables	Standard / Rodent Proof knock out 2 each / 4 total		
Material / Finish	Grey powder coated steel		
Accessories	Supplied with cable glands, tie down point and internal fibre clips		
Tray Configuration	S = Loaded Splice Tray	P = Loaded Fibre Spool	U = Unloaded



CONTACT: Call: +61 2 8553 0600 Email: sales@fibresystems.com.au www.fibresystems.com.au

Fibre Systems is an Australian-owned provider of ruggedised, high-performance fibre optic cable systems.
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Optional Panels and Accessories

Fibre Systems offers a complete range of Fibre optic accessories to suit the Enterprise range of enclosures, they include flat, angled simplex and duplex style plates that can be supplied unloaded or loaded. Discuss your specific requirements with Fibre Systems.

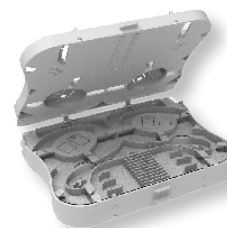
1RU CABLE MANAGEMENT TRAY		
FSY-1RU-HL	1RU Front mount hinged cable management with label option	
1RU FIBRE MANAGEMENT GUIDE		
FSY-1RUG2	1RU Fibre Management guide (2 pk)	
FSY-1RUG6	1RU Fibre Management guide (6 pk)	
FSY-1RUG12	1RU Fibre Management guide (12 pk)	
ADAPTER PLATES		
FSY-APF-BLNK	Adapter Plate, flat blank for enclosures	
FSY-APF-SCSX-06-1/6	Adapter Plate, Flat SC Simplex, 6 Port 1-6	
FSY-APF-SCSX-06-7/12	Adapter Plate, Flat SC Simplex, 6 Port 7-12	
FSY-APF-SCSX-12-1/12L	Adapter Plate, Flat SC Simplex, 12 Port 1-12 L	
FSY-APF-SCSX-12-13/24R	Adapter Plate, Flat SC Simplex, 12 Port 13-24 R	
FSY-APA-SCSX-12-1/12L	Adapter Plate, Angled SC Simplex, 12 Port 1-12 L	
FSY-APA-SCSX-12-13/24R	Adapter Plate, Angled SC Simplex, 12 Port 13-24 R	
FSY-APA-SCDX-12-1/12L	Adapter Plate, Angled SC Duplex, 12 Port 1-12 L	
FSY-APA-SCDX-12-13/24R	Adapter Plate, Angled SC Duplex, 12 Port 13-24 R	
FSY-APA-SCDX-12-1/12L	Adapter Plate, Angled SC Duplex, 12 Port 1-12 L	
FSY-APA-SCDX-12-13/24R	Adapter Plate, Angled SC Duplex, 12 Port 13-24 R	
FSY-APF-STSX-12-1/12	Adapter Plate, Flat ST Simplex, 12 Port 1-12	
FSY-APF-STSX-12-13/24	Adapter Plate, Flat ST Simplex, 12 Port 13-24	

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SPLICE CASSETTE

FSY-SPL-CASS-P1

Fibre Systems splice tray is designed to safely splice 12 or 24 individual fibres which can be installed in rack mount patch panels, wall mount enclosures, terminal box or distribution unit. The splice trays provide security for fusion splicing and can be used with different cable options. The tray incorporates clamps to secure loose tubes and pigtails on entry and exit.



FSY-SPL-CASS-DIN

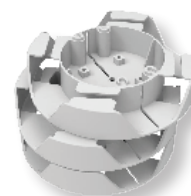
Mini Splice cassette to suit DIN Enclosure



FIBRE MANAGEMENT SPOOLS

FSY-FMS-02

Fibre Systems Fibre Management spools are specifically designed to be installed inside our enclosures when additional fibre management is required



SPLICE PROTECTORS

FSY-SPLPT-45/12

Splice Protector 45mm 12 pk

FSY-SPLPT-45/100

Splice Protector 45mm 100 pk

FSY-SPLPT-60/12

Splice Protector 60mm 12 pk

FSY-SPLPT-60/100

Splice Protector 60mm 100 pk



ADDITIONAL ACCESSORY KIT

FSY-1RU-AK

Standard accessory kit, Cable Management rings, strain relief post, cable ties & cage nuts



BLANKING ADAPTERS

FSY-ADP-SCSX-B

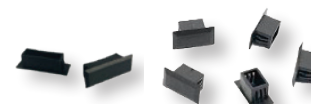
Blanking Adapter to suit SC Simplex cutout (6 pk)

FSY-ADP-SCDX-B

Blanking Adapter to suit SC Duplex cutout (6 pk)

FSY-ADP-STSX-B

Blanking Adapter to suit ST Simplex cutout (6 pk)



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