



Fibre Optic Wall Enclosure - Zone Distribution

The Zone Distribution Enclosure provides a flexible intermediate fibre distribution point within enterprise and data centre environments, enabling the transition from high-density backbone cabling to structured horizontal distribution. Positioned closer to the point of use, it supports both interconnect and cross-connect architectures by converting high fibre-count MTP® trunking into localised LC/SC connectivity. This decentralised approach simplifies installation, accelerates moves, adds and changes (MACs), and reduces congestion within central distribution frames while improving overall network scalability and cable management.

Features

- Converts high fibre-count backbone (MTP) into structured local distribution
- Reduces installation complexity and backbone congestion
- Enables faster MAC activity via localised patching access
- Supports scalable zone-based architectures across enterprise and DC environments
- High-density modular platform for splice, patch and passive integration
- Integrated cable management improve organisation and reliability
- Secure, lockable design protects critical network connections

Applications

- Zone-based fibre distribution in enterprise and data centre environments
- Backbone (MTP®) to horizontal (LC/SC) distribution transition point
- Support for row-based architectures (EoR / ToR connectivity)
- Local access point for MAC-driven network changes
- Interconnect and cross-connect distribution node
- Flexible wall or overhead deployment for structured cabling zones









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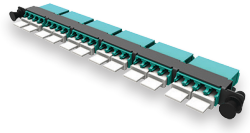
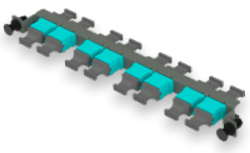
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Specifications are subject to change without notice.

Fibre Optic Wall Enclosure - Zone Distribution

Specifications

PART NUMBER - Office White - Mannix Black	 FWE-MOD-ZB FWE-MOD-ZB-BK		
Description	29/14 Panel Fibre Wall Enclosure for Zone Distribution		
Dimensions	450 mm (W) x 400 mm (H) x 250 mm (D)		
Unloaded Weight	6.8 kg		
	IFDF Splice Modules	MTP Modules	Patch Modules
Cassette Patch Panels Capacity	14 x 24F SC 14 x 24F LC	29 x 12F SC 29 x 24F LC 14 x 48F LC	29 x 12F SC 29 x 24F LC 29 x 8 port MTP 29 x 12 port MTP
Fibre Capacity	348F SC / 696F LC / 2,784F BASE-12 / 5,568F / BASE-24		
Cable Compatibility for Splicing	Microcore or Tight-buffered style cable only		
Incoming Cable Ports	12 x 32mm circular knockouts top and bottom		
Max. Cable O.D.	24mm (using 32mm compression gland)		
Max. Breakout O.D.	<32mm (must be terminated with gland) / <24mm pass-through		
Outgoing Patch Cord Ports	100mm square cut-out top and bottom		
Material and Finish	1.6mm Steel -Textured powdercoat		
Accessory Kit	Standard accessory kits includes: outgoing port blanking plate, strain relief post, hook & loop wrap, 2 x keys (keyed alike)		

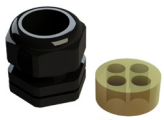
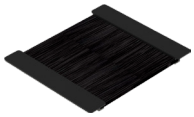
Accessories

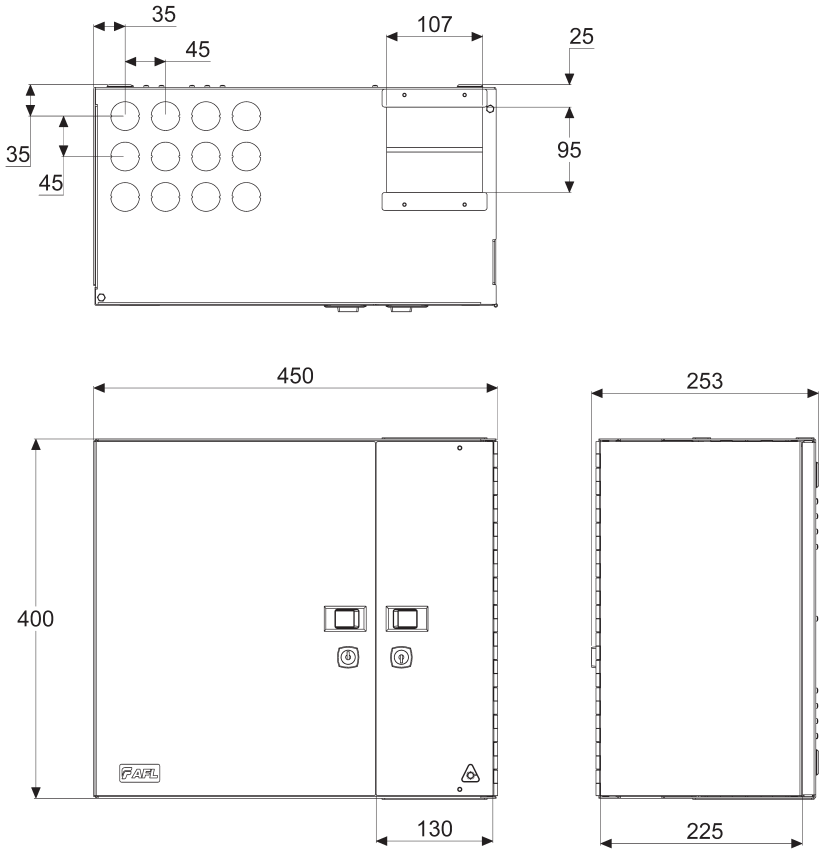
SPLICE MODULES & SPLICE ACCESSORIES		DESCRIPTION	PART NUMBERS
	Fusion splice cassettes available with a maximum of 24 splices.	24F SCA SM Loaded Fibre Splice Cassette	**AFL-IFDF-24SCGN-1A-V2**
		24F LC SM Loaded Fibre Splice Cassette	**AFL-IFDF-24LCBU-1-V2**
		24F LC OM4 Loaded Fibre Splice Cassette	**AFL-IFDF-24LCAQ-4-V2**
		24F Splice / Thru-Splice Cassette Suits IFDF	**AFL-IFDF-24FSPLICE**
		Thru-Splice Gland Kit Suit Cable 2.5mm Max. (6 Pack)	**CABGN-DDH-2.5-6KIT**
		Thru-Splice Gland Kit Suit Cable 3.5mm Max. (6 Pack)	**CABGN-DDH-3.5-6KIT**
MTP MODULES			
	MTP-LC cassettes available with a maximum of 48 LC connections. These cassettes form part of a plug and play system within the IFDF.	MTPM LCQ Extra High Density 24F SM Cassette (2 x 12)	**IFC-24MTPMALCQ-1XHD**
		MTPM LCAQ Extra High Density 24F SM Cassette (2 x 12)	**IFC-24MTPMALCAQ-1XHD**
		MTPM-LCQ Extra High Density 24F OM4 Cassette (2 x 12)	**IFC-24MTPMLCQ-4XHD**
		MTP2M-LCQ Extra High Density 24F SM Cassette (1 x 24)	**IFC-24MTP2MALCQ-1XHD**
		MTP2M-LCQ Extra High Density 24F 0M4 Cassette (1 x 24)	**IFC-24MTP2MLCQ-4XHD**
		MTP2M-LCQ Extra High Density 48F SM Cassette (2 x 24)	**IFC-48MTP2MALCQ-1XHD**
		MTP2M-LCQ Extra High Density 48F OM4 Cassette (2 x 24)	**IFC-48MTP2MLCQ-4XHD**
		MTPMA-SC Extra High Density 12F SM Cassette (1 x12)	**IFC-12MTPMASC-1XHD**
		MTPMA-SCA Extra High Density 12F SM Cassette (1 x12)	**IFC-12MTPMASCA-1XHD**
		MTPM-SC Extra High Density 12F OM4 Cassette (1 x12)	**IFC-12MTPMSC-4XHD**
PATCH MODULES			
 	Adapter panels are used in conjunction with incoming pre-terminated cable assemblies. They can accommodate a maximum of 12SC, 24LC or 96MTP connections.	24F LC Loaded Patch Panel for IFDF Sub-Frame, Blue	**AFL-IFDF-24LCBU-P**
		24F LCA Loaded Patch Panel for IFDF Sub-Frame, Green	**AFL-IFDF-24LCAGN-P**
		24F LC Loaded Patch Panel for IFDF Sub-Frame, Aqua	**AFL-IFDF-24LCAQ-P**
		12F SC Loaded Patch Panel for IFDF Sub-frame, Blue	**AFL-IFDF-12SCBU-P**
		12F SCA Loaded Patch Panel for IFDF Sub-frame, Green	**AFL-IFDF-12SCGN-P**
		12F SC Loaded Patch Panel for IFDF Sub-frame, Aqua	**AFL-IFDF-12SCAQ-P**
		MTP 8 Port XHD Panel Flat Loaded W/ 8 x Black	**IFC-MTP08XHD-FL-BK**
		MTP 8 Port XHD Panel Flat Loaded W/ 8 x Aqua	**IFC-MTP08XHD-FL-AQ**

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Accessories

BLANKING PANELS		DESCRIPTION	PART NUMBERS
	Fill unused ports with blanking panels. Blanking shelves used to provide additional support under MTP/splice modules in demanding applications.	Blank Panel for XHD Enclosure (Mercury Grey)	**FRE-BLANK-XHD**
		Blank Panel for XHD Enclosure with Support (Mercury Grey)	**IFC-BLANKSHLF-XHD**
	Required for each incoming cable stub. Pre-terminated cable breakouts must be smaller than 24mm OD to pass through. Contact sales team for additional information.	M32 Compression Gland to Suit Cable 15-24mm (Black Nylon)	**CABGN32**
	To suit up to 4 x 9mm OD. Cables within M32 Compression Gland	4 x 9mm Silicone Cable Gland Insert	**CABGN-INS-4**
	Additional brush strip kit when both top and bottom fibre cord ports are utilised.	Patch Port Brush Entry Kit -Black	**BRUSH-KIT-FWE-MOD-ZB-BK**



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