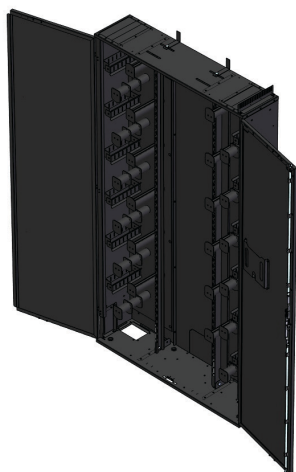


\*Typical installation shown above, fitted with optional accessories



## Optical Fibre Distribution Frame (OFDF)

The AFL Optical Fibre Distribution Frame (OFDF) is a high density, multi-purpose frame optimised to house the AFL HDXII range of 7RU chassis'/panels to terminate and distribute high core count SpiderWeb Ribbon® (SWR) Wrapping Tube or MicroCore® Cables.

### Features

- High density solution for shallow depth, front access only installation environments
- Fibre management optimised for 19", 280 mm deep x 7RU high AFL HDXII chassis range
- Ample fibre cord entry/exit paths at top off frame
- Solid 2-point locking doors, easily upgradeable to electronic locking insitu
- Value added breakout kits to reduce installation time
- Standalone frame suitable for 3456F LC distribution, add SWR® WTC splicing capability components if required.

### Applications

- Lead-in Cabinet (LIC) for Dark Fibre cross-connection
- Co-Lo floor cross-connection
- Termination and management of large fibre count SWR® WTC

### Splicing

- MPO/APC: Up to 10,368 fibres using SWR® WTC and FUSEConnect® Splice-On Connectors
- LC/UPC: Up to 3,456 fibres using MicroCore® internal riser cables.

### Patching

- MPO/LC-UPC: 24F cassettes, 24 per 7RU up to 3456F

## Technical Specifications

Description	Optical Fibre Distribution Frame (OFDF) with doors (1200 mm wide)	
Dimensions W x H x D (mm)	<b>NET/GROSS</b>	<b>PACKAGED FOR EXPORT</b>
	1200 mm (W) x 2200 mm (H) x 320 mm (D)	1340 mm (D) x 2340 mm (W) x 550 mm (H)
Weight (kg)	160/195	305
Installation	Wall mount, back to back, side to side installation	

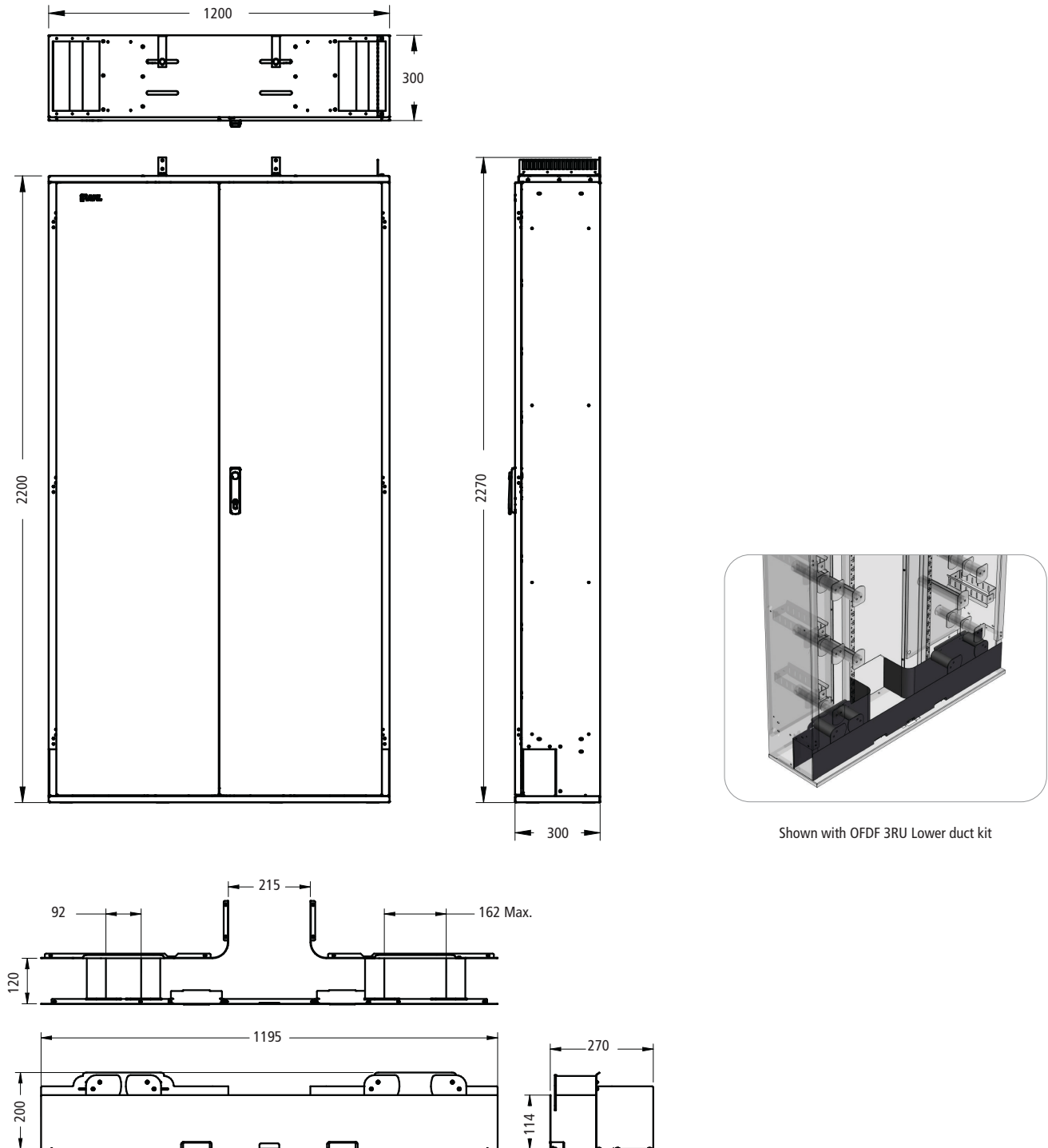
Capacity	Splicing	10,368 (MPO FUSEConnect®)/ 3,456 (LCD, single element or SWR)
	Patching	3,456 (LCD Uniboot 2.0 mm patch cords)/ 1728 (LCD zip duplex 2.0 mm patch cords)
	7RU HDXII Chassis	6 x 7RU chassis to suit 24 x 24F LCD cassettes or 12 x 144F MPO cassettes (cannot be mixed within frame)
	SWR® Wrapping Tube Cable (WTC) compatibility	864F/1728F/3456F/6912F in any combination (Max. 10,346F capacity) *Cable breakouts and mounting panel sold separately

## Optical Fibre Distribution Frame (OFDF)

### Technical Specifications

Features	Wall mount, back to back, side to side installation		
	45RU, 19" MID/REAR mount rails (optimised for 7RU HDXII Chassis)		
	Top LH and RH cable entry/exit with brush strips for dust ingress protection		
	300 mm wide L&R Vertical over-length fibre management area (optimised for 7RU HDXII)		
	Partitioned fibre management spools/bobbins (12 per side)		
	Removable vertical cable rings for fibre cord routing (6 per side)		
	Removable lower side entry port covers for intra-suite patching.		
	Large capacity lower cable raceway/ducting for inter-suite patching (optional)		
	600 mm wide doors with 2-point locking		
	Swing handle with removable DIN Euro lock barrel		
	Electronic locking compatible* with integrated cable routing and sensor mounting points		
	Lift-off doors with 'Push to close' captive door latches (L&R)		
	Document pocket		
	*Designed to suit CRS solenoid mechanism		
Accessories	Pair mount brackets, Preterm. Cable tie-off bracket and fasteners, side to side & back to back baying hardware		
Capacity	<b>DESCRIPTION</b>	<b>PART NUMBER</b>	<b>WHERE USED</b>
	OFDF Vertical breakout panel mount kit (6 x 7RU HDXII)	AFL-OFDF-B/OUT-BK/PL	Required one per frame for SWR® WTC splicing
	864F SWR® WTC breakout kit, 1 x 864F (STAGE1) 1 x 864F (STAGE2)	AFL-OFDF-864/864-BO-KIT	Required to breakout one 864F SWR® WTC (Populate 1st half of 12 lot 7RU chassis)
	OFDF SWR® WTC breakout kit, 1 x 864F (STAGE 2) /6 x 10mm tube)	AFL-OFDF-BOKIT-06TUBE	Required to breakout one 864F SWR® WTC (Populate 2nd half of 12 slot 7RU chassis)
	1728F SWR® WTC breakout kit, 1 x 1728F (STAGE1) 1 x 1728F (STAGE2)	AFL-OFDF-1728/1728-BO-KIT	Required to breakout one 1728F SWR® WTC (Populate complete 12 slot 7RU chassis)
	3456F SWR® WTC breakout kit, 2 x 1728F (STAGE1) 1 x 1728F (STAGE2)	AFL-OFDF-3456/1728-BO-KIT	Required to breakout one 3456F SWR® WTC and one of two 1728F bundles
	6912F SWR® WTC breakout kit, 4 x 1728F (STAGE1) 1 x 1728F (STAGE2)	AFL-OFDF-6912/1728-BO-KIT	Required to breakout one 6912F SWR® WTC and one of four 1728F bundles
	OFDF SWR® WTC breakout kit (1 x 1728F STAGE 2/ 12 x 10mm tube)	AFL-OFDF-BOKIT-12TUBE	Required to breakout one remaining 1728F bundle of either 3456F or 6912F
Patch Management Options	OFDF 3RU Lower duct kit (1200mm wide)	AFL-OFDF-1200-LWRDUCT-3RU	For side to side, back to back inter-rack cross patching
	OFDF Pre-terminated cable tie-off bracket, 18 x 14 mm (pack of 2)	AFL-OFDF-BRKT-18X14-2KIT	Up to 6 can be fitted to top of frame (3 per side) for additional pre-term. Cable mounting
HDXII Chassis Options	HDX 7RU chassis (0.75RU/1.25RU), 12 x 144F MPO cassettes, 144 x FUSEConnect® Splice-On Connectors	HDX-7RU-1728MPOKIT	Includes 7RU panel, cassettes and SM 12F Splice-On Connectors to terminate 1728F bundle of SWR® WTC (Additional 144F cassettes and FUSEConnect® sold separately)
	HDX 7RU chassis (0.75RU/1.25RU), 6 x 144F MPO cassettes, 72 x FUSEConnect® Splice-On Connectors	HDX-7RU-864MPOKIT	Includes 7RU panel, cassettes and SM 12F Splice-On Connectors to terminate each 864F SWR® WTC (Additional 144F cassettes and FUSEConnect® sold separately)
	HDX 7RU Chassis (0.75RU/1.25RU) 12 Slot Unloaded	HDX-7RU-MOD12	7RU chassis configured to suit up to 12 x dual slot cassettes
	HDX 7RU Chassis (0.75RU/1.25RU) 24 Slot Unloaded	HDX-7RU-MOD24	7RU chassis configured to suit up to 24 x single slot cassettes
Splice Cassettes	144F MPO Ribbon Splicing HDX Loaded Cassette (FUSEConnect® not included)	HDX144FPASSCASS	Max. 12 per 7RU Chassis (dual slot)
	144F Ribbon Splicing pass-through cassette; 2 x 10mm (NO FIBRE)	HDX144F2GLANDSPLCASS	Max. 12 per 7RU Chassis (dual slot). Ribbon splice protectors sold separately (PN: SPLPROT-HS-RIB12-40-F)
	24F LC Ribbon Splicing HDX Loaded Cassette (G.657.A1))	HDX24FLCSPLSMCASSRIB	2 x 12F ribbon single slot (Single Mode)
	24F LC Ribbon Splicing HDX Loaded Cassette (OM4)	HDX24FLCSPLMMCMCASSRIB	2 x 12F ribbon single slot (Multimode)
Patch Cassettes	24F MPO-LC Patching HDX Loaded Cassette (G657.A1)	HDX24FMPOLCSMCASS	2 x 12F MPO to LCD fanout (Single Mode)
	24F MPO-LCA Patching HDX Loaded Cassette (G657.A1)	HDX24FMPOLCASMCASS	
	24F MPO-LC Patching HDX Loaded Cassette (OM4)	HDX24FMPOLCMMCASS	2 x 12F ribbon single slot (Multimode)
Cassette Accessories	HDX Cassette Blanking panel (single width)	HDXBLANK	Required to blank a single slot (Max. 24 per 7RU chassis)
	MPO FUSEConnect® Splice-On Connectors (APC) (Pack of 6)	FUSEMPO-S-SKA-3-M-6	2 x 6 pack required per 144F cassette

## Optical Fibre Distribution Frame (OFDF)



Note: All dimensions shown in mm

### Ordering Information

PART NUMBER	DESCRIPTION
AFL-OFDF-FRAME-HDXII	Optical Fibre Distribution Frame (OFDF) with doors (1200 mm wide)