

Next Generation Frame System

Introduction

Frames

ADC KRONE'S Next Generation Frame product line has fibre frames designed to fit a variety of termination, splice, and storage applications. Each frame option is designed with an emphasis on superior cable management and ease of use, including features such as ample trough space for cable and jumpers, easy access to connectors, and storage for jumpers. The frame sections are shipped from the factory fully equipped with all cable management hardware including a built-in jumper storage panel.

Fibre Termination Blocks (FTB)

Fibre Termination Blocks (FTBs) are available with SC, FC, ST® and E2000 adapters in block configurations of 72- or 96-positions. Also, 144-position FTBs are available using LX.5® and LC adapters. FTBs utilise sliding adapter packs to gain easy access to both the front and rear of connectors. There is also a block configuration available to accommodate Mini Value-Added Modules (Mini VAMs) for applications requiring splitters or WDMs. FTBs can be ordered with or without intrafacility (IFC) or outside plant cable.

Fibre Combination Blocks (FCB)

Fibre Combination Blocks (FCBs) provide termination and on-frame splicing capabilities, all in one block. The block occupies two mounting positions on the frame section. They are available with SC, FC, ST® and E2000 adapters in block configurations of 72- or 96-positions. Also, 144-position FCBs are available using LX.5® or LC adapters.

Features and Benefits

Ample Trough Space

- Reduces jumper pile-up and congestion
 - *Reduces maintenance time due to easy removal and tracing of jumpers*
 - *Minimises risk of microbends or damage to fibre*

Built-in Jumper Storage Panel

- Minimises number of required jumper lengths
- Maintains fibre bend radius
- Simplifies frame installation
 - *Saves money by reducing the number of different jumper lengths that have to be kept in inventory*
 - *Minimises risk of microbends or damage to fibre*

Sliding Adapter Packs

- Promotes high density
- Provides easy access to connectors
 - *Saves valuable floor space*
 - *Reduces time required for operations and maintenance*

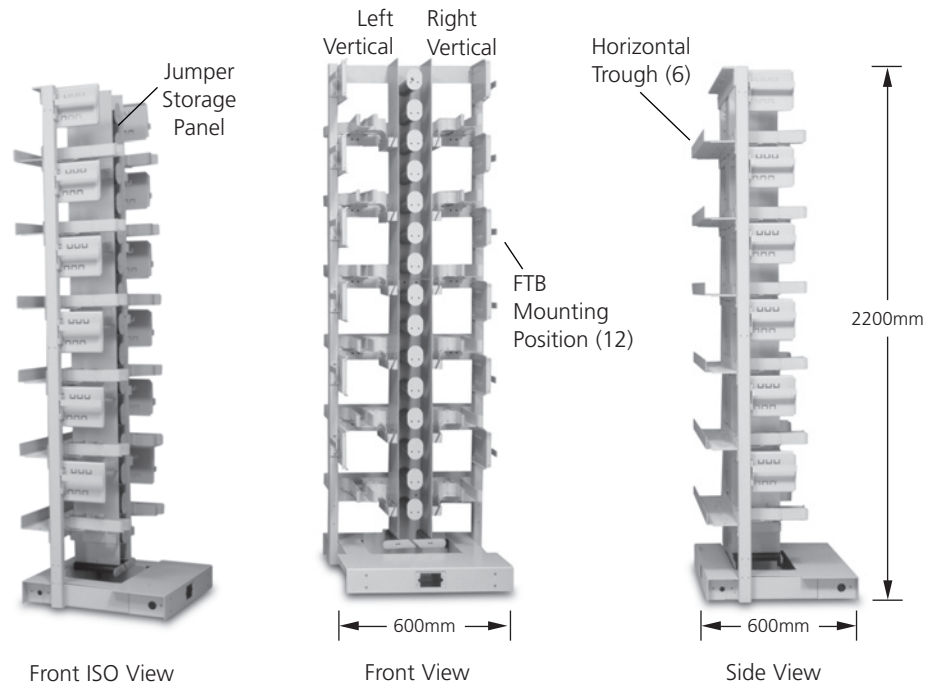
Intelligent Cable Routing System

- No fibre cross-over points
- Multiple vertical troughways
 - *Reduces maintenance time due to easier removal and tracing of jumpers and minimises fibre "weaving"*

Next Generation Frame System

Fibre Main Distributing Frame

The Fibre Main Distributing Frame (FMDF) is the cornerstone of the NGF product line. This innovative frame has six rear horizontal troughs. This abundant trough space minimises fibre pile up and congestion leading to easier jumper traceability and removal. The frame has twelve Fibre Termination Block (FTB) mounting positions equally divided between vertical columns on the left and right sides of the frame as shown in the figure below. The frame is 600mm wide x 600mm deep. The built-in jumper storage panel will store up to 5 metres of jumper slack.



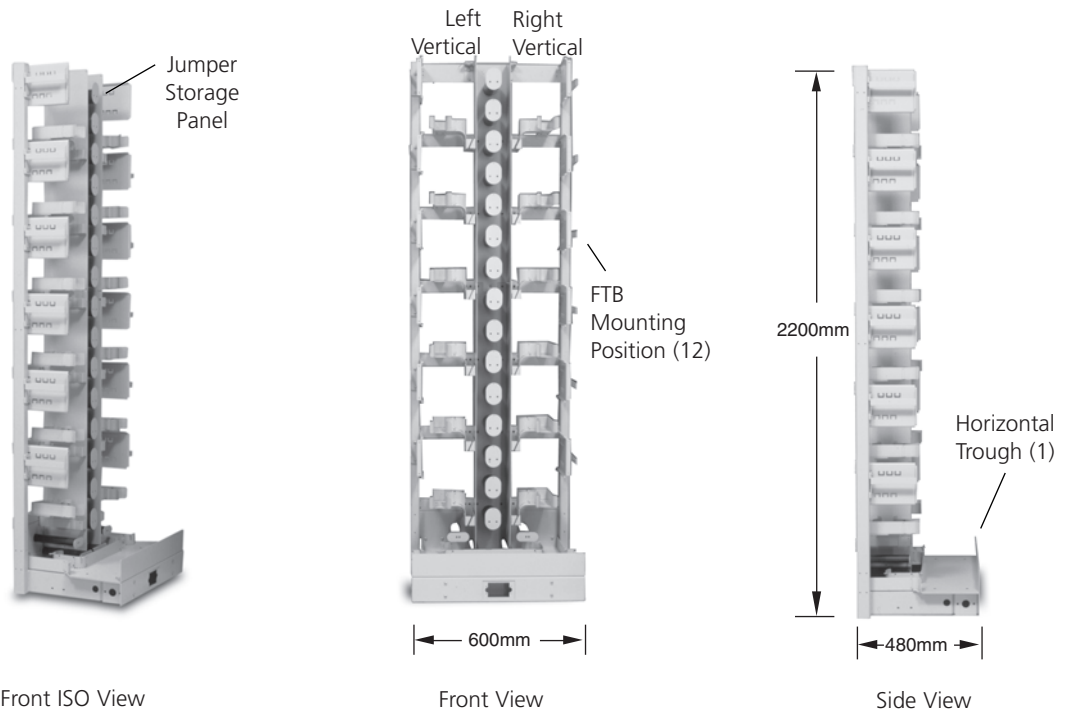
Ordering Information

Description	Dimensions (HxWxD)	Catalogue Number
600mm Fibre Main Distributing Frame frame section (FMDF)	2200mm x 600mm x 600mm	NGF-ETSIMDF6060

Next Generation Frame System

Front Facing Fibre Main Distributing Frame

The Front Facing Fibre Main Distributing Frame (F3MDF) is designed for single-sided access applications and may be mounted up against a wall or back-to-back to save floor space. Unlike the FMDF, the more compact F3MDF is equipped with a single 230mm horizontal trough. The F3MDF has twelve Fibre Termination Block (FTB) mounting positions equally divided between vertical columns on the left and right sides of the frame as shown in the figure below. The frame is 600mm wide x 48mm deep. The built-in jumper storage panel will store up to 5 metres of jumper slack.



Ordering Information

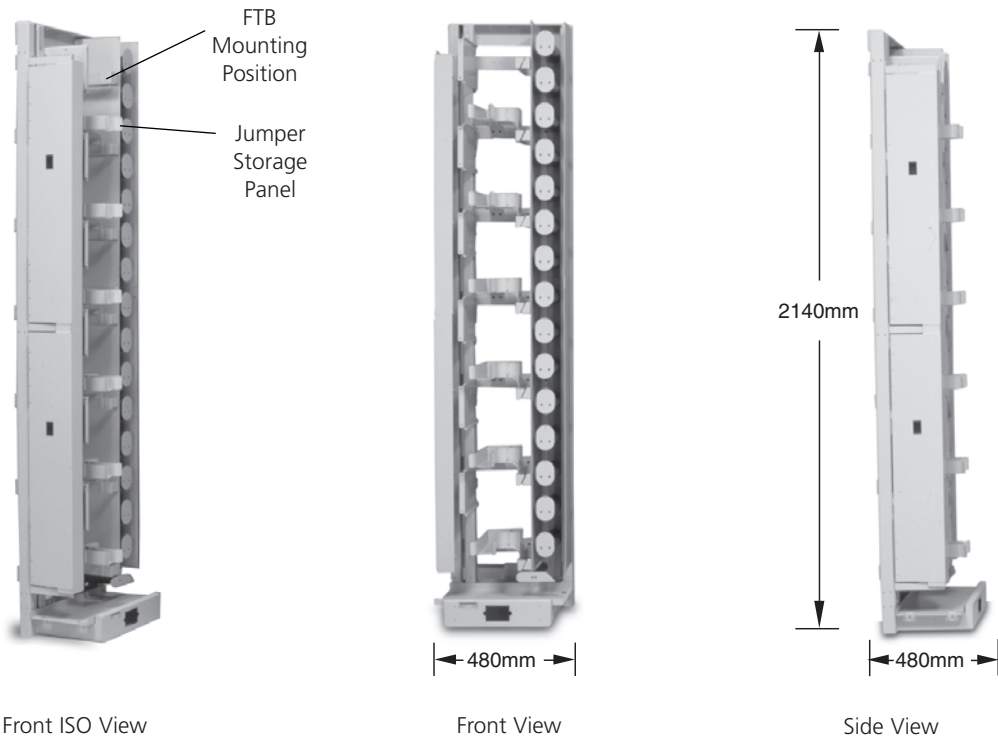
Description	Dimensions (HxWxD)	Catalogue Number
600mm Front Facing Fibre Main Distributing Frame (F3MDF) frame section	2200mm x 600mm x 48mm	NGF-ETSIF3MDF6048

Next Generation Frame System

Fibre Slim Rack

The Fibre Slim Rack is designed for lower density applications than the FMDF or F3MDF. It has six Fibre Termination Block (FTB) mounting positions and is designed for single-sided access applications. The Slim Rack is intended for use in a single frame application and should not be used in a multiframe lineup. The built-in jumper storage panel will store up to 5 metres of jumper slack.

When ordering fibre termination blocks for the Slim Rack, remember that only left oriented blocks are used on this frame.



Front ISO View

Front View

Side View

Ordering Information

Description	Dimensions (HxWxD)	Catalogue Number
NGF Fibre Slim Rack frame section	2140mm x 480mm x 480mm	NGF-SLM7A100

Next Generation Frame System

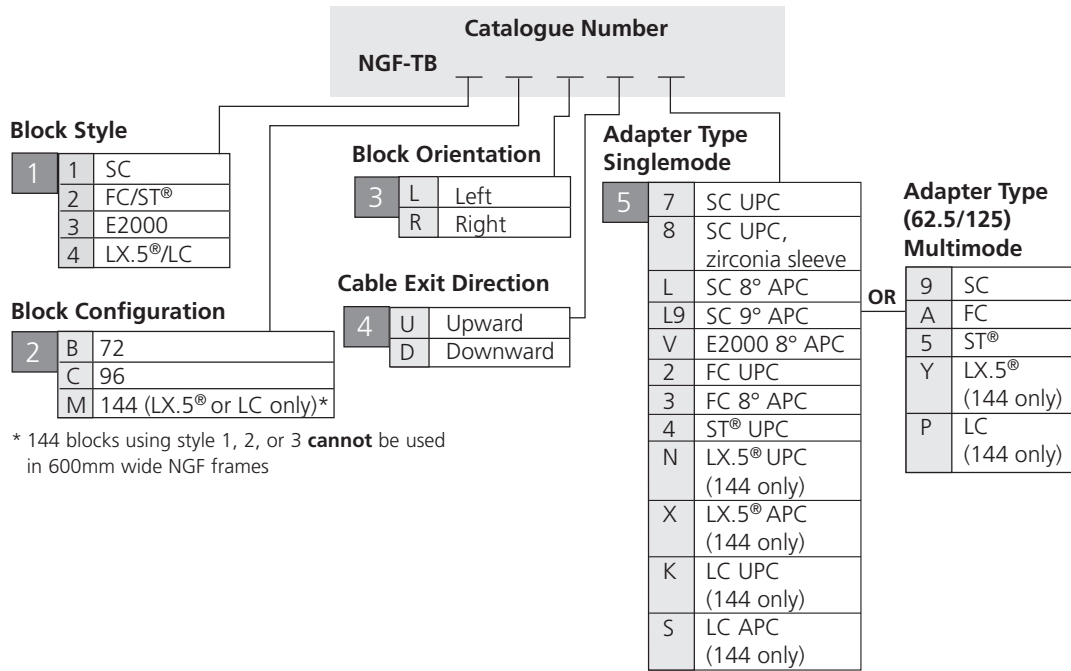
Unterminated Fibre Termination Blocks



Fibre Termination Blocks (FTBs) without fibre can be ordered fully loaded with adapters or empty (no adapters), in which case the adapter packs for the block must be ordered separately (see page 42). Before ordering, determine the block orientation and cable exit direction. Unterminated FTBs may be ordered with a "left" orientation (mounts on the left side of the frame) or a "right" orientation (mounts on the right side of the frame). The cable exit direction will be either "upward" (cables terminated to the rear side of the block exit up toward the top of the frame) or "downward" (cables terminated to the rear side of the block exit down toward the bottom of the frame). All blocks with adapters only are configured to terminate single or dual jumpers on the rear of the block. If a multifibre breakout style cable (i.e., OSP/intrafacility cable) is to be terminated to the rear of the block, a separate clamping kit is required (see page 37).

8 / 0 5 • 1 3 1 7 4 3 9 • Fibre Connectivity Solutions

Fibre Frame Solutions



Definition of Variables

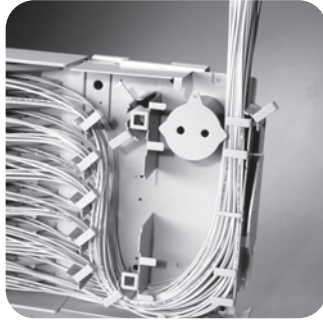
1	Block Style General adapter type required in the FTB
2	Block Configuration Maximum number of terminations that the FTB will accommodate when fully loaded
3	Block Orientation Vertical column of the frame the FTB is to be mounted on
4	Cable Exit Direction Direction the equipment jumpers or OSP cable will exit from the FTB
5	Adapter Type Specific adapter type required in the FTB

Next Generation Frame System

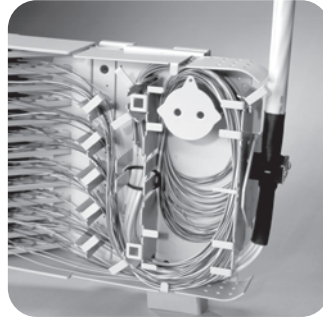
Unterminated Fibre Termination Blocks

Cable Clamping Kit

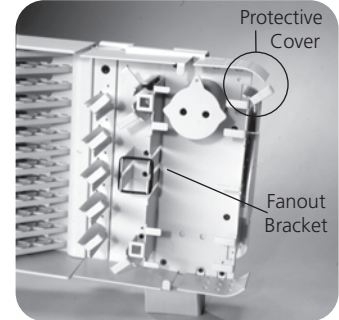
Clamping kit includes: Cable clamp, protective cover and fanout bracket. It is required when terminating a multifibre breakout style cable to the rear of the block.



72-position block loaded with jumpers



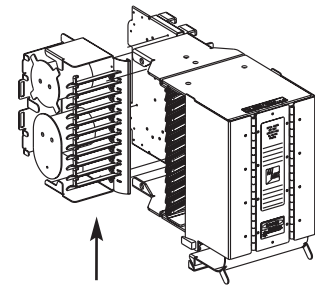
72-position block loaded with multifibre breakout cable



72-position block with clamping kit

Ordering Information

Description	Catalogue Number
Block style originally purchased	
All 72-position blocks	NGF-ACCOSPKIT02
96- or 144-position Left Up blocks	NGF-ACCRCMSLU
96- or 144-position Right Up blocks	NGF-ACCRCMSRU
96- or 144-position Left Down blocks	NGF-ACCRCMSLD
96- or 144-position Right Down blocks	NGF-ACCRCMSRD

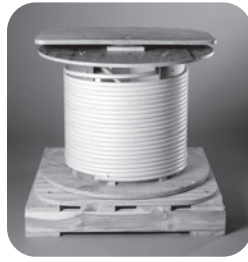


Rear Cable Management Tray for 144 Block Conversion Kit

Next Generation Frame System

Preterminated Fibre Termination Blocks

Preterminated Fibre Termination Blocks (FTBs) are available with either indoor or outdoor rated cable in ribbon or stranded configurations. All blocks are 100% factory tested to guarantee continuity and reliable connections. Preterminated FTBs make installation quick and easy, reducing labor costs. Before ordering, determine the block orientation and cable exit direction. Preterminated FTBs may be ordered with a "left" orientation (mounts on the left side of the frame) or a "right" orientation (mounts on the right side of the frame). The cable exit direction will be either "upward" (cables terminated to the rear side of the block exit up toward the top of the frame) or "downward" (cables terminated to the rear side of the block exit down toward the bottom of the frame).



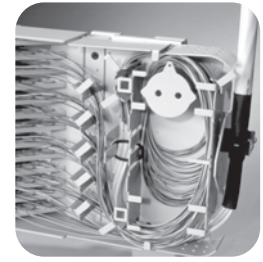
Preterminated Fibre Termination Blocks arrive from the factory with either IFC or OSP Cables



Fibre cable easily uncoils during installation



Fibre Termination Block ships inside the drum



Fibre Termination Block loaded with multifibre breakout cable

Ordering information follows on next page.

Definition of Variables	
1	Block Style General adapter type required in the FTB
2	Block Configuration Maximum number of terminations that the FTB will accommodate when fully loaded
3	Block Orientation Vertical column of the frame the FTB is to be mounted on
4	Cable Exit Direction Direction the equipment jumpers or OSP cable will exit from the FTB
5	Adapter/Connector #1 Specific adapter/connector type required in the FTB. Refers to the adapter/connector type at the FTB
	Connector #2 Specific connector type required at the cable end opposite the FTB
7	Cable Type Type of cable to be terminated to the FTB
8	Cable Length Required length of the cable terminated to the FTB

Next Generation Frame System

Preterminated Fibre Termination Blocks

Catalogue Number

NGF-TB

Block Style

1	1	SC
	2	FC/ST®
	3	E2000
	4	LX.5®/LC

Block Configuration

2	B	72
	C	96
	M	144 (LX.5® or LC only) ³

Block Orientation

3	L	Left
	R	Right

Cable Exit Direction

4	U	Upward
	D	Downward

Adapter Type Singlemode

5	7	SC UPC
	8	SC UPC, zirconia sleeve
	L	SC 8° APC
	L9	SC 9° APC
	V	E2000 8° APC
	2	FC UPC
	3	FC 8° APC
	4	ST® UPC
	N	LX.5® UPC (144 only)
	X	LX.5® APC (144 only)
	K	LC UPC (144 only)
	S	LC APC (144 only)

OR

Adapter/Connector #1 Multimode (62.5/125)

	9	SC
	A	FC
	5	ST®
	Y	LX.5® (144 only)
	P	LC (144 only)

Connector #2 Singlemode

6	0	No connector/stub end
	7	SC UPC
	8	SC UPC, zirconia sleeve
	L	SC 8° APC
	L9	SC 9° APC
	V	E2000 8° APC
	2	FC UPC
	3	FC 8° APC
	4	ST® UPC
	N	LX.5® UPC (144 only)
	X	LX.5® APC (144 only)
	K	LC UPC (144 only)
	S	LC APC (144 only)

OR

Connector #2 Multimode (62.5/125)

	0	No connector/stub end
	9	SC
	A	FC
	5	ST®
	Y	LX.5® (144 only)
	P	LC (144 only)

Cable Length

8	XXX	Length in metres
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IFC Type Singlemode¹

		Glass Type
7	ZB	72-fibre stranded House Cable ²
	ZC	96-fibre stranded House Cable ²
	ZD	144-fibre stranded House Cable ²
	AA	12-fibre stranded Corning
	BA	24-fibre stranded Corning
	CA	36-fibre stranded Corning
	2A	48-fibre stranded Corning
	VA	72-fibre stranded Corning
	DA	96-fibre stranded Corning
	FH	144-fibre stranded Corning
	MX	72-fibre stranded, Maxi-Strip Corning
	GF	96-fibre stranded, Maxi-Strip Corning
	GA	12-fibre ribbon Sumitomo
	HA	24-fibre ribbon Sumitomo
	MA	36-fibre ribbon Sumitomo
	JA	48-fibre ribbon Sumitomo
	KA	72-fibre ribbon Sumitomo
	EG	96-fibre ribbon Sumitomo
	FJ	144-fibre ribbon Sumitomo

OR

IFC Type Multimode (62.5/125)

		Glass Type
	AM	12-fibre stranded Corning
	BM	24-fibre stranded Corning
	DM	36-fibre stranded Corning
	ZM	48-fibre stranded Corning
	VM	72-fibre stranded Corning
	WM	96-fibre stranded Corning
	YM	144-fibre stranded Corning

OR

OSP Cable Type Singlemode

		Glass Type
	VT	72-fibre stranded dielectric Pirelli
	VW	96-fibre ribbon dielectric Pirelli
	EN	96-fibre stranded dielectric Pirelli
	FL	144-fibre stranded dielectric Pirelli
	FM	144-fibre ribbon dielectric Pirelli

¹ Other cable types are available upon request. Please contact your ACD KRONE representative.

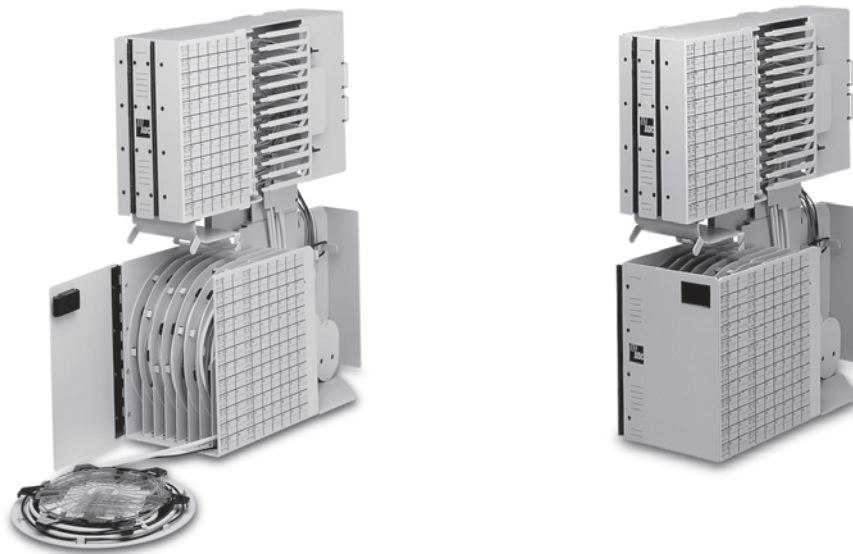
² House cable will use Corning SMF28, Sumitomo, Alcatel or similar singlemode fibre based on current market availability.

³ 144 blocks using style 1, 2, or 3 cannot be used in 600mm wide NGF frames.

See previous page for definition of variables.

Next Generation Frame System

Fibre Combination Blocks–Termination/Splice



Fibre Combination Blocks (FCBs) provide a place to terminate pigtails and splice intrafacility and outside plant (IFC/OSP) cables on the frame. The blocks are available with several different adapter types in block configurations of 72- or 96-positions. Also, a 144-position FCB is available using an LX.5® or LC adapter. The termination portion of the fibre combination block utilises sliding adapter packs to gain easy access to connectors on both the front and rear side of the block. The block is available with factory-installed pigtails for easy installation. Splice trays are shipped with the block if ordered with pigtails; otherwise trays must be ordered separately. The block is shipped with a cable clamp for OSP/IFC. The FCB occupies two mounting positions on a frame section. Before ordering, determine the block orientation. FCBs may be ordered with a “left” orientation (mounts on the left side of the frame) or a “right” orientation (mounts on the right side of the frame).

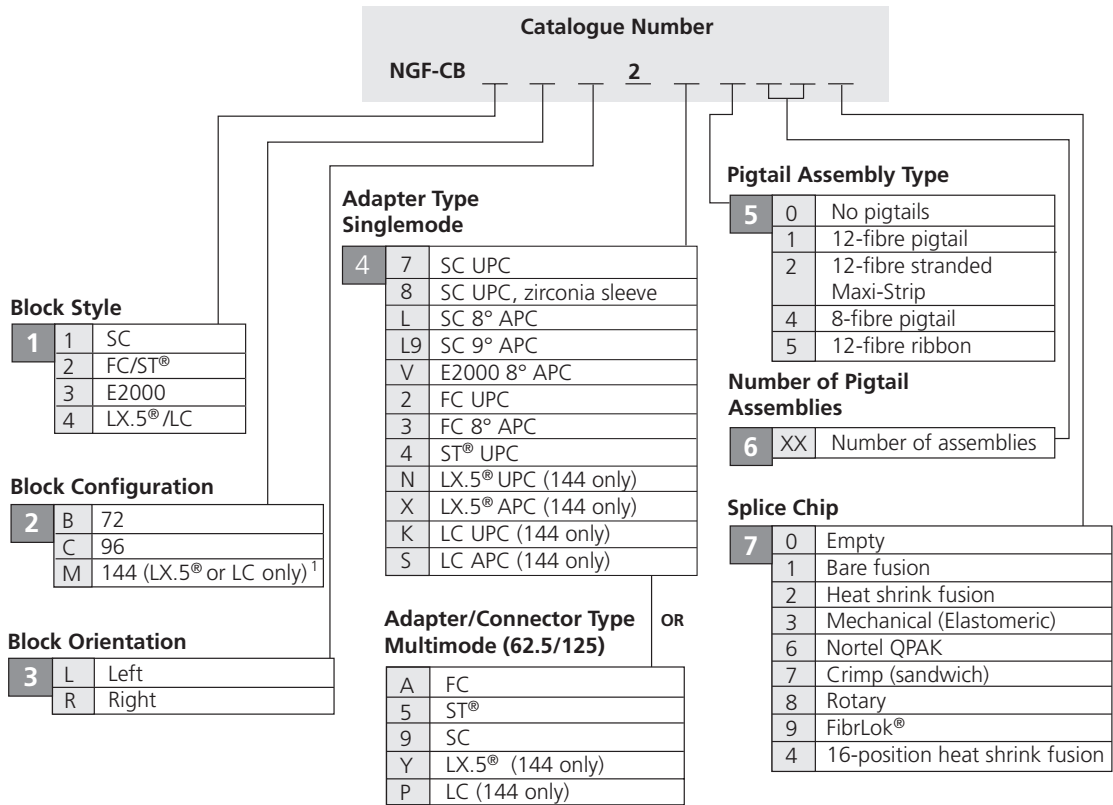
Ordering information follows on next page.

Definition of Variables

1	Block Style General adapter type required in the FCB
2	Block Configuration Maximum number of terminations that the FCB will accommodate when fully loaded
3	Block Orientation Vertical column of the frame the FCB is to be mounted on
4	Adapter/Connector Type Specific adapter/connector type required in the FCB
5	Pigtail Type Type of pigtail required
6	Number of Pigtail Assemblies Number of pigtails to be pre-installed in the FCB
7	Splice Chip Type of splice chip required for splice trays

Next Generation Frame System

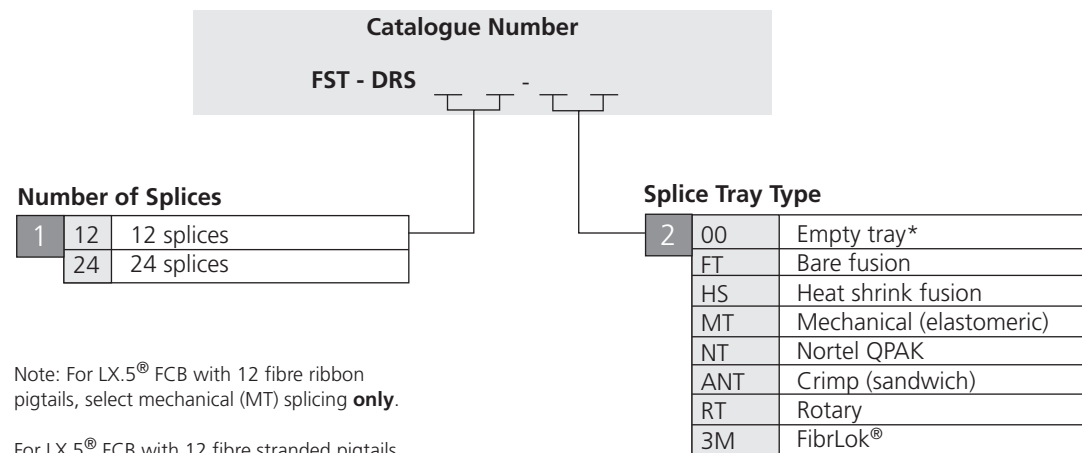
Fibre Combination Blocks–Termination/Splice



¹144-termination block requires the use of either:
 Mechanical (elastomeric) (Code 3) splice tray when using mass fusion ribbon splicing
 Nortel QPAK (Code 6) splice tray when using single fibre heat shrink fusion splicing
 144 blocks using block style 1, 2, or 3 **cannot** be used in 600mm wide NGF frames

Splice Trays For Fibre Combination Block

Splice trays are shipped with the block if it is ordered with pigtails; if pigtails are not included, splice trays are ordered separately.



Note: For LX.5® FCB with 12 fibre ribbon pigtails, select mechanical (MT) splicing **only**.

For LX.5® FCB with 12 fibre stranded pigtails select Nortel QPAK (NT) (compatible with heat shrink fusion), bare fusion or crimp **only**.

* Maximum size of chip allowed in empty tray: 0.3" H x 2.5" W x 3.6" L

Next Generation Frame System

Sliding Adapter Packs

Sliding adapter packs house groups of fibre optic adapters and are mounted in Fibre Termination Blocks to provide easy access to connectors. Sliding adapter packs are available with SC, FC, ST®, E2000, LX.5® and LC adapters. The adapters come in packs of two, four, six and eight depending on the adapter type and the desired termination density. See table below for configuration guidelines.



Option A
(SC shown)



Option E
(ST® shown)

Sliding Adapter Pack Configuration Guidelines

Block Configuration	Adapter Type	Adapter Pack Configuration	Adapter Pack Option
72-Position	SC, E2000	2 Pack/4 Pack	A
72-Position	FC, ST®	6 Pack	E
96-Position	SC, FC, ST®, E2000	4 Pack/4 Pack	J
144-Position (block code 'M')	LX.5®, LC	6 Pack/6 Pack	K

Catalogue Number

NGF- SAP 0

Adapter Type Singlemode

5	7	SC UPC
	8	SC UPC, zirconia sleeve
	L	SC 8° APC
	L9	SC 9° APC
	V	E2000 8° APC
	2	FC UPC
	3	FC 8° APC
	4	ST® UPC
	N	LX.5® UPC (144 only)
	X	LX.5® APC (144 only)
	K	LC UPC (144 only)
	S	LC APC (144 only)

Adapter Pack Option*

A	2 pack/4 pack
E	6 pack
J	4 pack/4 pack
K	6 pack/6 pack (all block code "M" blocks)

Adapter Type Multimode OR

9	SC
A	FC
5	ST®
Y	LX.5® (144 only)
P	LC (144 only)

Next Generation Frame System

Value-Added Module System Chassis

Next Generation Frame (NGF) Value-Added Modules are designed to support emerging circuit requirements. This high-density fibre frame solution provides unlimited expansion while optimising fibre cable management. The NGF system uses Mini Value-Added Modules to incorporate optical splitters for circuit monitoring and video distribution. Mini Value-Added Modules can also be configured with wavelength division multiplexing capabilities to increase transmission capacity over existing fibre lines. Various input and output interface options are available.



Features and Benefits

Enclosed plug-in modules

Optical components are protected from physical and environmental damage

Flexible platform

Modules can be created for new applications quickly and easily to meet customer requirements

Monitor and/or test

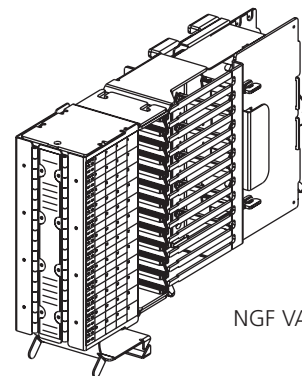
Enables providers to troubleshoot networks without forcing disruption of service

Custom configurations

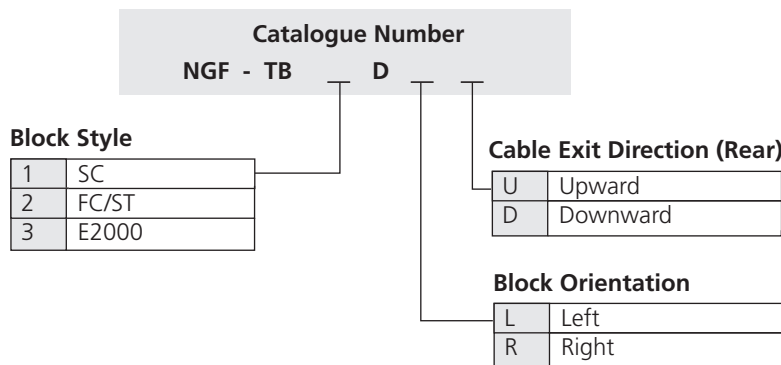
Custom splitter configurations available upon request

VAM Chassis

The NGF VAM chassis is designed to mount on all standard NGF frame styles and is interchangeable with termination, splice, and storage modules. Each chassis accommodates up to twelve Mini-VAM modules.

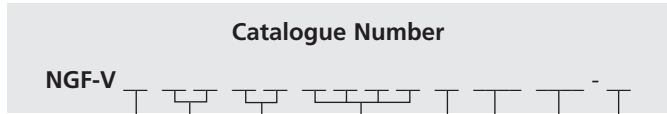


NGF VAM Chassis



NGF VAMs with LX.5® or LC adapters can be placed in any of these block styles. Please contact ADC KRONE Technical Assistance Center with any questions.

Splitter Module



Module Options

2	Input front, output front
5	Input rear, output front

Input Connector/Adapter
Output Connector/Adapter

Singlemode

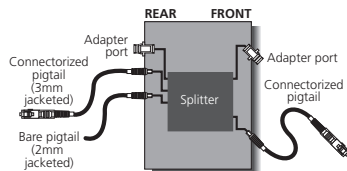
7U	SC UPC
7A	SC 8° APC
7K	SC 9° APC
8A	E2000 8° APC
2U	FC UPC
2A	FC 8° APC
4U	ST® UPC
LU	LX.5® UPC
LA	LX.5® APC
KU	LC UPC
KA	LC APC
00	Bare fibre

Multimode¹

9A	SC 50/125
9B	SC 62.5/125
2M	FC 62.5/125
2N	FC 50/125
LM	LX.5® 62.5/125
LN	LX.5® 50/125
5F	ST® 50/125
5U	ST® 62.5/125
00	Bare fibre

¹Standard multimode couplers are for use with LED source only

Connectorised Example



Splitter Type

LEAVE BLANK	Wideband 1310 and 1550nm
G	1310nm wavelength flattened
J	1550nm wavelength flattened
M	Multimode couplers— optimised for use with laser or LED sources

Output Pigtail Length

Input Pigtail Length

Example (In Metres):
01 = 1m
10 = 10m
00 = Adapters only on input and output ports

Number of Splitters

A	Single splitter
B	Dual (2) splitter
C	Triple (3) splitter

Split Ratio (%)

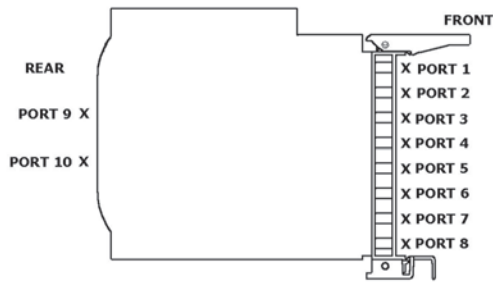
2000	1x2	50/50
2100	1x2	55/45
2200	1x2	60/40
2400	1x2	70/30
2600	1x2	80/20
2800	1x2	90/10
2900	1x2	95/5
3900	1x3	33/33/33
4900	1x4	25/25/25/25
5300	1x5	20/20/20/20/20
6000	1x6	16.6/16.6/16.6 16.6/16.6/16.6
8000	1x8	12.5/12.5/...12.5
G116	1x16	6.25/6.25/6.25/...6.25

This chart shows the many options available for splitter modules. For assistance in configuring the module appropriate for your application, please contact ADC KRONE.

Next Generation Frame System

Value-Added Modules

Splitter Module

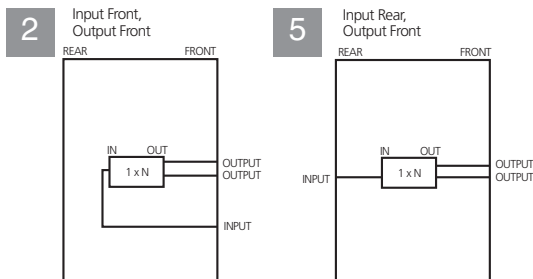


NGF-V—Next Generation Frame (NGF)

Available ports:

- 8 front
- 2 rear

Module Options



Next Generation Frame System

Value-Added Modules

Wavelength Division Multiplexer (WDM) Module



Catalogue Number
NGF-W

Configuration

2	MUX front, DEMUX front
5	MUX rear, DEMUX front

MUX Port Connector/Adapter

7U	SC UPC
7A	SC 8° APC
7K	SC 9° APC
8A	E2000 8° APC
2U	FC UPC
2A	FC 8° APC
4U	ST® UPC
LU	LX.5° UPC
LA	LX.5° APC
KU	LC UPC
KA	LC APC
00	Bare fibre

DEMUX Port Connector/Adapter

7U	SC UPC
7A	SC 8° APC
7K	SC 9° APC
8A	E2000 8° APC
2U	FC UPC
2A	FC 8° APC
4U	ST® UPC
LU	LX.5° UPC
LA	LX.5° APC
KU	LC UPC
KA	LC APC
00	Bare fibre

Module Configuration

A	Single
B	Dual
C	Triple

Isolation

1	Standard
2	High
3	Very High

WDM Type (λ_1, λ_2)

A	Unidirectional multiplexer
C	Unidirectional demultiplexer
E	Bidirectional λ_1 Tx/ λ_2 Rx
G	Bidirectional λ_1 Rx/ λ_2 Tx
J	45dB isolation, pass 1310
K	45dB isolation, pass 1550
L	(Dual only) unidirectional multiplexer, unidirectional demultiplexer ¹
M	(Dual only) bidirectional λ_1 Tx/ λ_2 Rx, bidirectional λ_1 Tx/ λ_2 Rx

¹ WDM Type "L" includes
(1) unidirectional multiplexer (standard isolation) and
(1) unidirectional demultiplexer (isolation specified by next character)

Splitter Type

LEAVE BLANK	Putty
B	Black

DEMUX Port Pigtail Length

MUX Port Pigtail Length

Example (In Metres):

- 01** = 1m
- 10** = 10m
- 00** = Adapters only on MUX and DEMUX ports

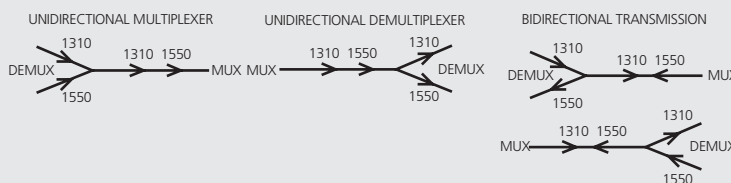
Wavelength

A	1310 (λ_1)/1550(λ_2)
B	1533 (λ_1)/1557(λ_2)
C	1310/1533/1557
E	1550 (λ_1)/1625(λ_2)
F	1310 (λ_1)/1625(λ_2)

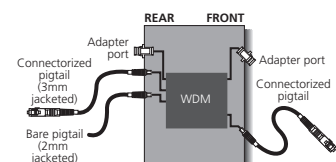
This chart shows the many options available for WDM modules. For assistance in configuring the module appropriate for your application, please contact ADC KRONE.

Contact ADC KRONE for specifications.

In the ordering charts, the abbreviation "mux" references the multiplexed side of the WDM, the side where two optical signals coexist on one fibre. The abbreviation "demux" references the demultiplexed side of the WDM, the side where each signal appears on its own fibre. Both unidirectional and bidirectional WDMs are available as shown below.



Connectorised Example



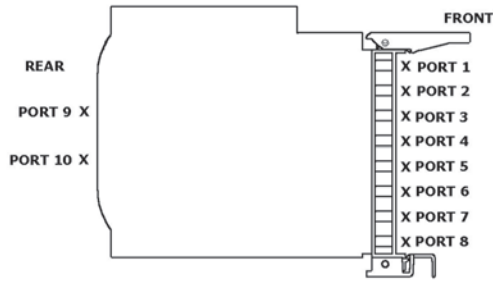
8 / 0 5 • 1 3 1 7 4 3 9 • Fibre Connectivity Solutions

Fibre Frame Solutions

Next Generation Frame System

Value-Added Modules

Wavelength Division Multiplexer (WDM) Module

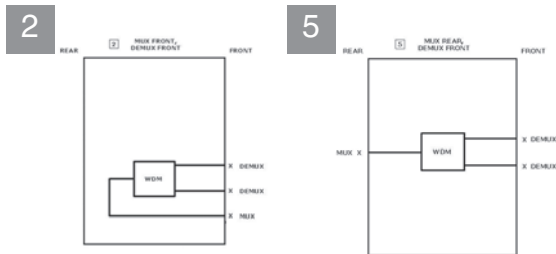


NGF-W—Next Generation Frame (NGF)

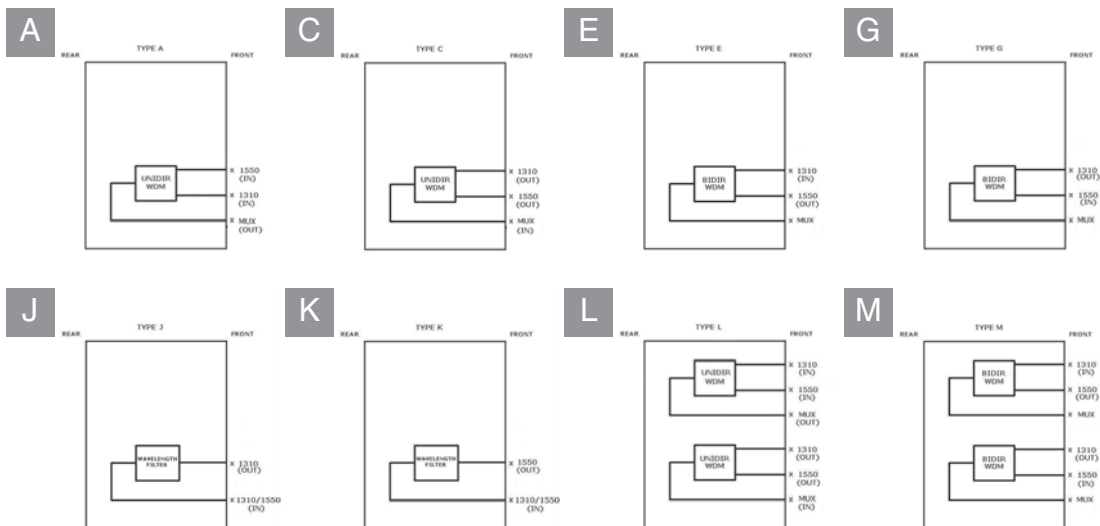
Available ports:

- 8 front
- 2 rear

WDM Configurations



WDM Types



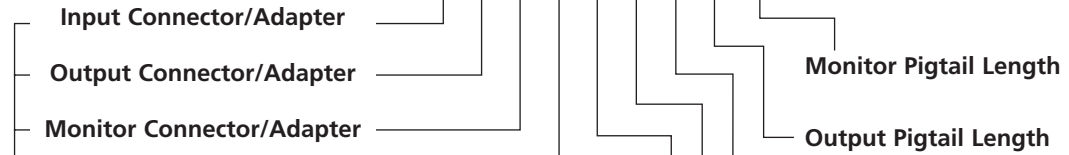
Next Generation Frame System

Value-Added Modules

Monitor Module



Catalogue Number
NGF-M



Singlemode	
7U	SC UPC
7A	SC 8° APC
7K	SC 9° APC
8A	E2000 8° APC
2U	FC UPC
2A	FC 8° APC
4U	ST® UPC
LU	LX.5® UPC
LA	LX.5® APC
KU	LC UPC
KA	LC APC
00	Bare fibre
Multimode	
9A	SC 50/125
9B	SC 62.5/125
2M	FC 62.5/125
2N	FC 50/125
LM	LX.5® 62.5/125
LN	LX.5® 50/125
5F	ST® 50/125
5U	ST® 62.5/125
00	Bare fibre

Number of Circuits per VAM

1	1 circuit
2	2 circuits
3	3 circuits

Number of circuits is dependent on module type

Split Ratio (%)

K	99/1
B	95/5
A	90/10
E	80/20
H	70/30
J	60/40
L	50/50

Input Pigtail Length
Example (In Metres):
01 = 1m
10 = 10m
00 = Adapters only on input, output and monitor ports

Module Style

J	Dual monitor
B	Cross-connect customer premises
D	Dual monitor cross-connect
G	Dual monitor cross-connect
P	Customer premises
R	Single monitor cross-connect
C	Customer premises monitor module

This chart shows the many options available for monitor modules. For assistance in configuring the module appropriate for your application, please contact ADC KRONE.

Contact ADC KRONE for specifications and additional split ratios

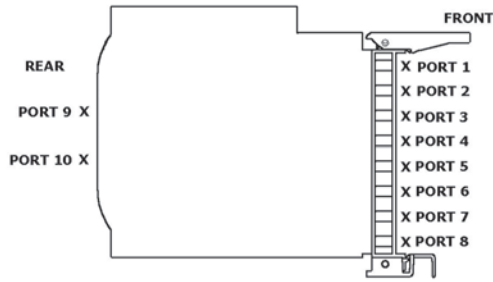
8 / 0 5 • 1 3 1 7 4 3 9 • Fibre Connectivity Solutions

Fibre Frame Solutions

Next Generation Frame System

Value-Added Modules

Monitor Module

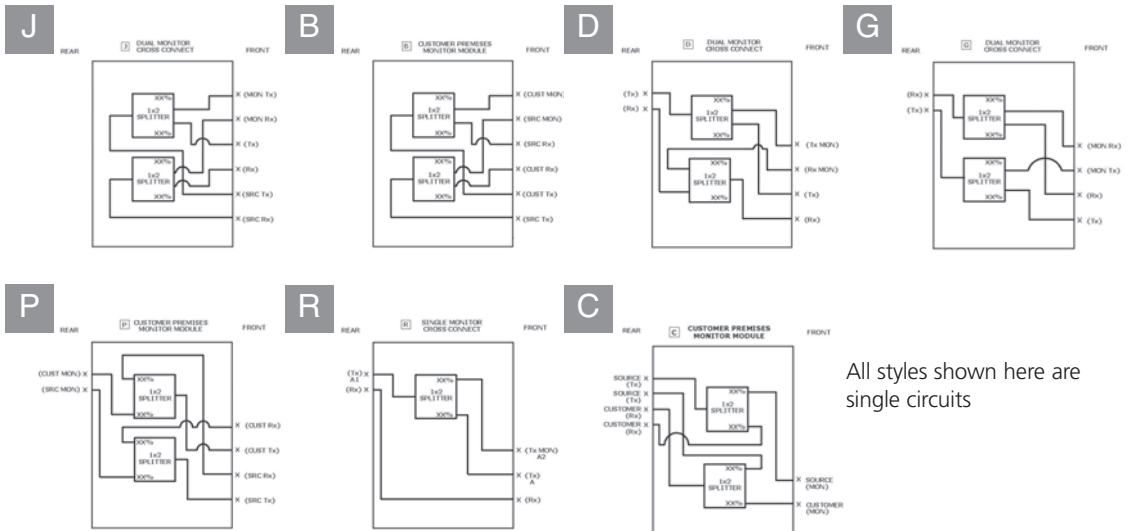


NGF-M—Next Generation Frame (NGF)

Available ports:

- 8 front
- 2 rear

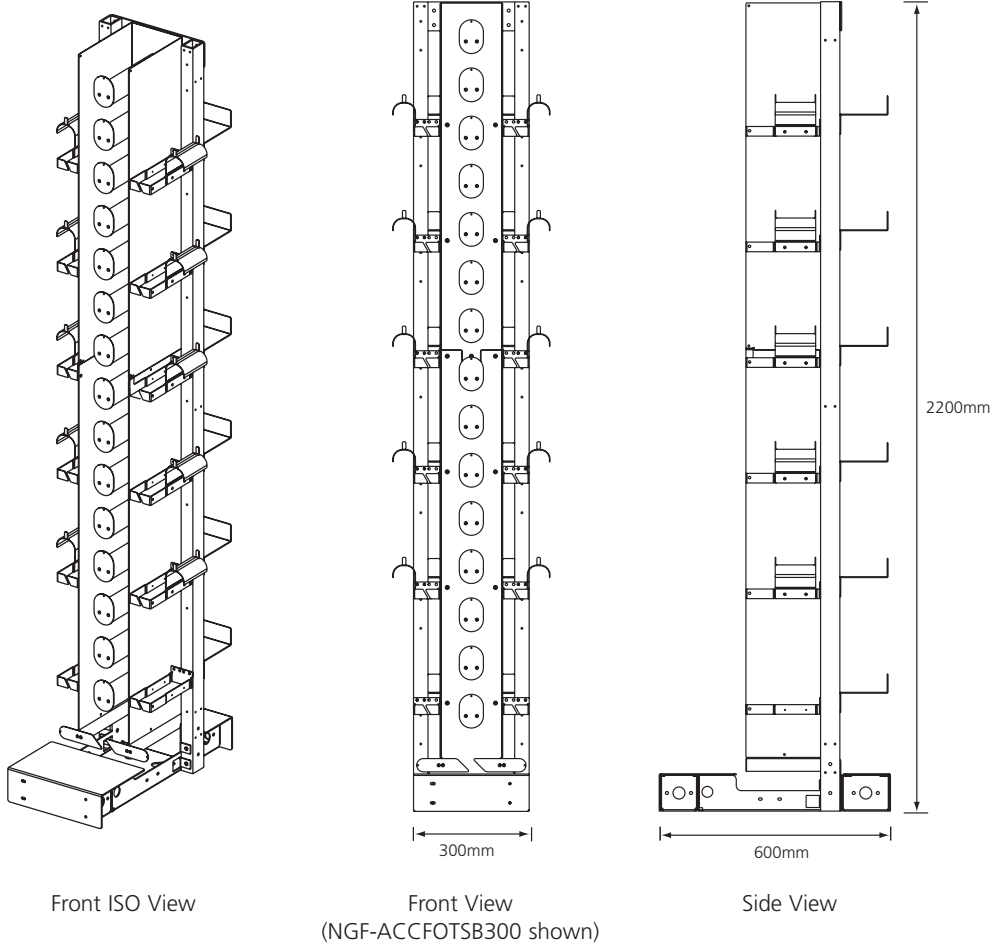
Module Style



All styles shown here are single circuits

Next Generation Frame System

Fibre Optic Terminal Jumper Storage Bay



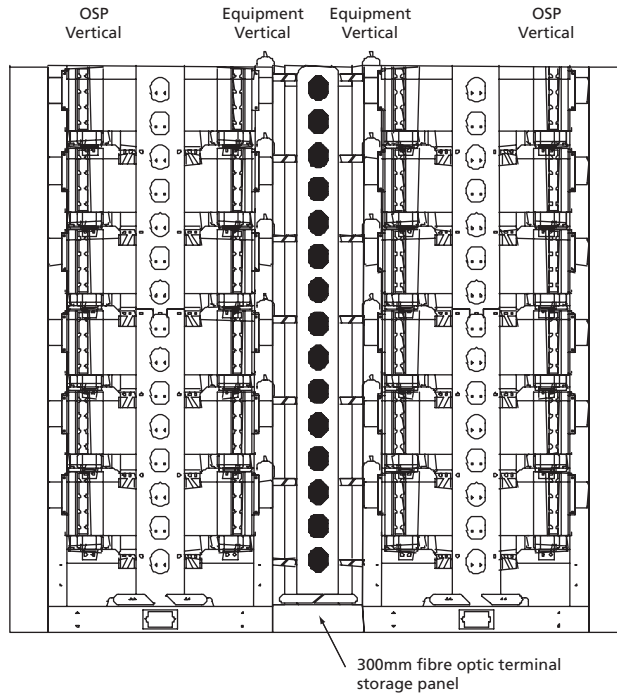
Optional fibre optic terminal (FOT) slack storage bays are used in the NGF lineup when equipment jumpers are being routed to the back of the NGF blocks **and** the slack in those jumpers needs to be stored at the NGF frame. If the slack will be stored elsewhere, the FOT storage bay is not required.

Ordering Information

Description	Dimensions (HxWxD)	Catalogue Number
FOT storage bay for 600mm FMDF lineups	2200mm x 300mm x 600mm	NGF-ACCFOTSB300
FOT storage bay for 600mm F3MDF lineups (not shown)	2200mm x 300mm x 480mm	NGF-F3ACCFOTSB300

A drawing of the FOT storage bay in a vertically zoned lineup appears on the next page.

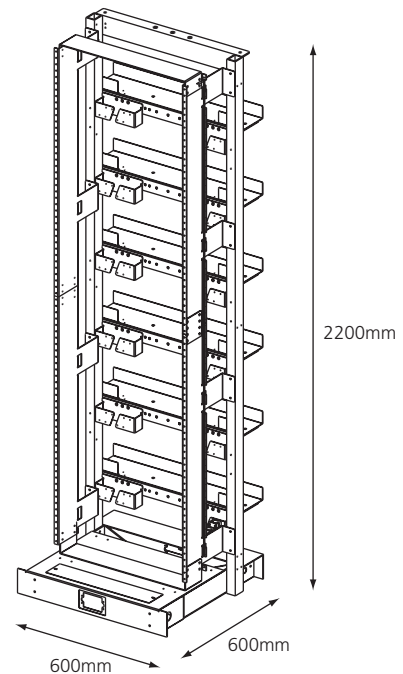
Fibre Optic Terminal Storage Panel



Equipment Bay

The NGF equipment bay provides a mounting location for 19-inch rack mount equipment within an FMDF lineup. The equipment deployment in the bay can include video transmitters, RF Splitter/Combiners, or Remote Fibre Test Systems. NGF Equipment Bays are available for FMDF lineups (600mm deep) and F3MDF lineups (480mm deep).

As applications and requirements for equipment bays in NGF lineups vary greatly, ordering information for equipment bays can be obtained by contacting your ADC KRONE representative.



8 / 0 5 • 1 3 1 7 4 3 9 • Fibre Connectivity Solutions

Fibre Frame Solutions

End Guard

The end guard provides protection for the fibres entering and exiting frames at the ends of a lineup.

Ordering Information

Description	Catalogue Number
FMDf end guard, 600mm deep	NGF-ETSIACCEG
F3MDF end guard, 480mm deep	NGF-ETSI3ACCEG

Cable Clamp Kits

Cable clamp kits are available for securing intrafacility (IFC)/OSP cable or equipment (fibre optic terminal/FOT) jumpers on the rear of the fibre termination block (FTB).

Ordering Information

Description	Catalogue Number
Cable clamp kit for FOT patch cords <i>included with Fibre Termination Blocks loaded with adapters only</i>	NGF-ACCCLMP04
Cable clamp kit for IFC/OSP cables <i>included with Fibre Termination Blocks with IFC</i>	NGF-ACCCLMP08

Rack Installation Kits

Ordering Information

Description	Catalogue Number
Rack installation kit for concrete floor, kit includes: (2) M8 bolts, 90mm (4) M8 nuts (8) flat washers (4) lock washers shims and anchor plates	RAC-MX0616
Rack installation kit for raised floor, kit includes: (4) threaded rods M12 x 1m (12) heavy nuts, lock and flat washers (4) nuts with springs, M12 (2) 1.8m unistrut (1) anchor kit	RAC-MX0615

AC Outlet Kits

Please contact your ADC KRONE representative for catalogue numbers