COMMSCOPE®

Next Generation Frame (NGF)
Optical Distribution Frame Solution

2016 PRODUCT CATALOG | 2nd EDITION

Contents

NGF Optical Distribution Frame Solution
Next Generation Frame (NGF) Introduction

Many organizations need a fast, efficient, secure and reliable way to move information around. This increasing need for more bandwidth is urging many data center, central office, head end and broadcast network operators to shift away from copper and embrace the efficiency of fiber optic cable feeds. With that, there is a need for fiber solutions that are scalable as bandwidth requirements continue to grow. The Next Generation Optical Distribution Frame (NGF) can do just that. This high density, robust solution serves as your facility's main fiber cross-connect. An industry tested design, this frame is essential to any modern communications facility, no standard fiber offering can compare.

The NGF solution is comprised of the following components:

Frames

The NGF was developed for high-fiber count applications. At 2304 terminations in a standard frame and 3456 terminations in a high density frame, its unique, user-friendly design and superior cable management provide enterprise customers an optimum solution to handle applications with high fiber counts such as data centers.

The NGF product line is designed to fit a variety of termination, splice, and storage applications. This frame 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.

Fiber Termination Blocks (FTBs)

Fiber Termination Blocks (FTBs) are available with SC adapters in block configurations of 144-positions, and with LC adapters in 144- and 192-positions. FTBs utilize sliding adapter packs to gain easy access to both the front and rear connectors. FTBs can be ordered with adapters only, with factory terminated IFC stubs, or as Plug-and-Play cassettes.

Sliding Adapter Packs

Sliding adapter packs house groups of fiber optic adapters and are mounted in fiber termination blocks to provide easy access to connectors. Sliding adapter packs are available with SC, LC and MPO adapters. The adapters come in packs of four and six depending on the adapter type and the desired termination density.

Features and Benefits

Ample Trough Space

- Reduces jumper pile-up, congestion and maintenance
  – Easy removal and tracing of jumpers
  – Minimizes risk of damage to fiber

Built-in Jumper Storage Panel

- Minimizes number of required jumper lengths
- Maintains fiber bend radius
- Simplifies frame installation
  – Reduces the number of jumper lengths that have to be inventoried
  – Minimizes risk or damage to fiber
- Enclosed system ensures easy cable access without fiber cross-over points

Sliding Adapter Packs

- Promote high density
- Provide easy access to connectors
  – Saves valuable floor space
  – Reduced operation and maintenance time

Intelligent Cable Routing System

- No fiber cross-over points
- Multiple vertical troughways
  – Easier removal and tracing of jumpers

Bend Radius Protection at Every Turn

- Ensures network performance and reliability

NGF Optical Distribution Frame Solution
Fiber Main Distribution Frame (FMDF)

The Fiber Main Distribution Frame (FMDF) is the cornerstone of the NGF product line. This innovative frame has six 5-inch horizontal troughs for a total of 30 inches of horizontal trough space. This abundant trough space minimizes fiber pile up and congestion leading to easier moves, adds and changes. The frame has twelve Fiber 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 available in 30-inch wide version and provides additional vertical trough space for the highest termination density applications. The built-in jumper storage panel will store up to 3.5 meters (12 feet) of jumper slack.

FMDF Frame
NGFB-MDF7A144-30

Isolation Pad shown with FMDF
NGF-ACCISOP30X24
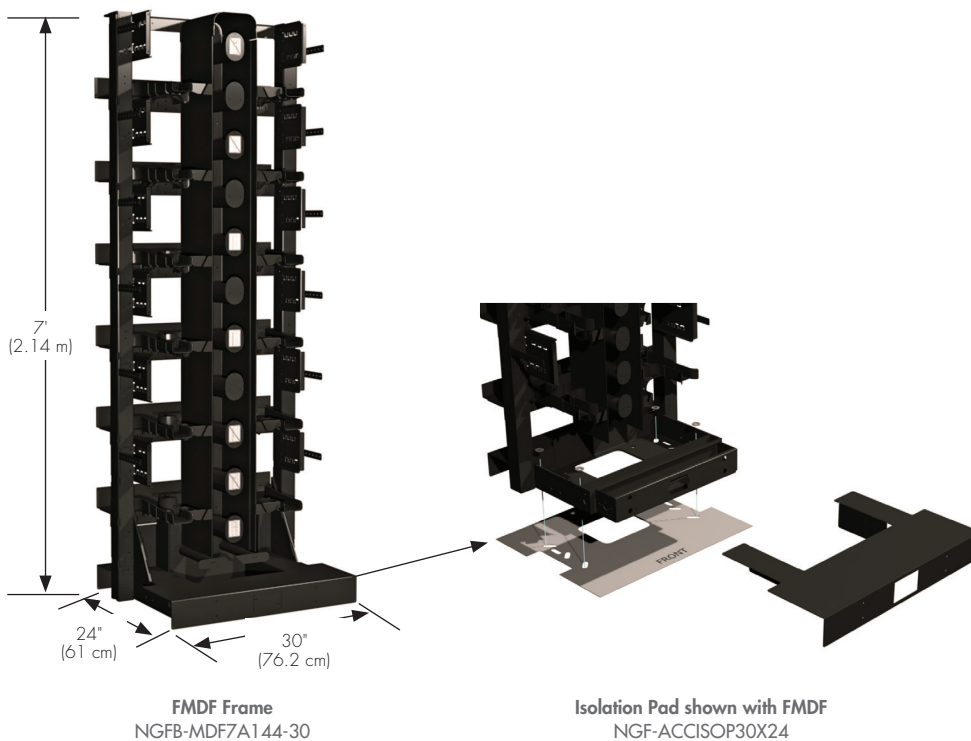
Ordering Information

Description	Dimensions	Part Number
Fiber Main Distribution Frame (FMDF); Accommodates 12 Fiber Termination Blocks (FTBs) or 12 Plug-and-Play Cassette Blocks*		
Short Bracket 30" Frame; For use with SC 144-position FTBs, or LC 192-position FTBs, LC 144- and 192-position Plug-and-Play Cassette Blocks1	7' x 30" x 24" (2.14 m x 76.2 cm x 61 cm)	NGFB-MDF7A144-30
Long Bracket 30" Frame; For use with LC 144-position FTBs		NGFB-MDF7A100-30

Each frame section includes heavy duty floor anchor bolts for concrete floor applications.

* Maximum 1.7 mm jumpers are required when deploying 192 position FTBs.

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Fiber Optic Terminal Jumper Storage Panel

The fiber optic terminal jumper storage panel is an optional filler panel that provides up to 5 meters (16.4 feet) of slack storage for jumpers that run between terminal equipment and the rear ports of an NGF terminal block in cross-connect applications. This slack storage capability allows for greater flexibility in determining jumper lengths and allows for use of more standard length jumpers. This panel is installed within the NGF frame lineup between NGF frames. The fiber optic terminal storage panels are available in two different configurations depending on the way the NGF frame system is zoned. NGF frames can be zoned by vertical or by frame. A 12-inch wide panel is available that serves two verticals (one on each side) for use when frames are zoned by vertical. Also, 8-inch wide versions are available that serve a single vertical (left or right) for use when frames are zoned by frame.

Fiber Optic Terminal Storage Panel
NGFB-ACCFOTSB

Isolation Pad shown with FOTSB
NGF-ACCISOPFS12X24
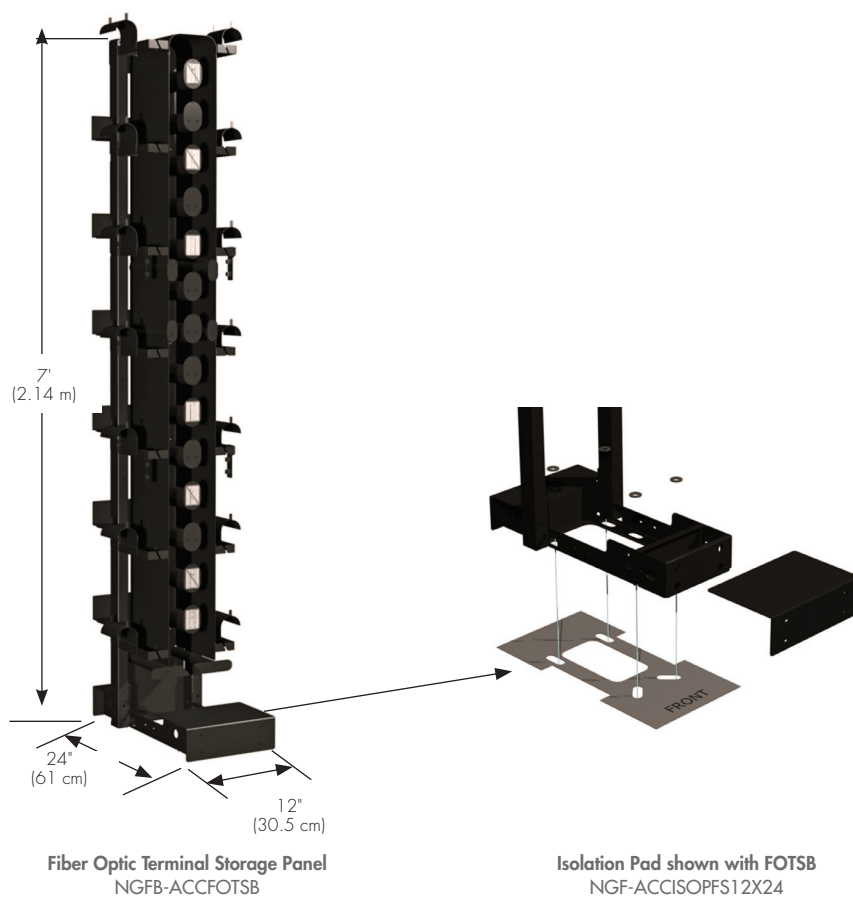
Ordering Information

Description	Dimensions	Part Number
Fiber Optic Terminal Jumper Storage Panel; Use with FMDF Frame, Color: Black	7' x 12" x 24" (2.14 m x 30.5 cm x 61 cm)	NGFB-ACCFOTSB
Isolation Pad – Storage Panel; A template for frame installation providing isolation between the frame and the ground		NGF-ACCISOPFS12X24

Note: When using the Fiber Optic Terminal Storage Panels, a cable exit UP block must be used.

End Guard

End guards provide protection for the fibers entering and exiting frames at the end of a lineup. They are designed for universal fit to be used on either end of the lineup.

24"
(61 cm)

7'
(2.14 m)

5"
(12.7 cm)

ODF Frame	End Guard	Isolation Pad shown with End Guard
NGFB-MDF7A144-30	NGFB-ACCEGD007	NGF-ACCISOPEG24
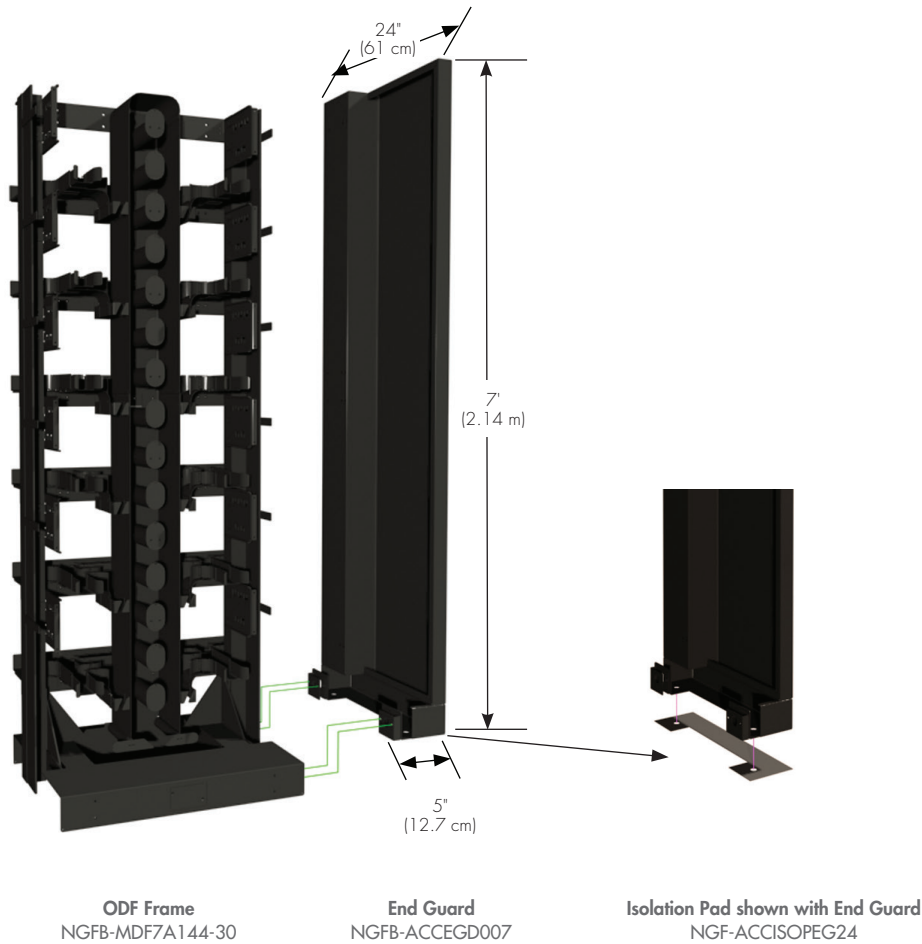
Ordering Information

Description	Dimensions	Part Number
End Guard; Use with FMDF Frames, Color: Black	7' x 5" x 24" (2.14 m x 12.7 cm x 61 cm)	NGFB-ACCEGD007
Isolation Pad – End Guard; A template for frame installation providing isolation between the frame and the ground		NGF-ACCISOPEG24

Configuration Information

Fiber Termination Blocks (FTB) are available with factory terminated indoor rated cable (IFC) in ribbon or stranded configurations. All blocks are 100% factory tested to guarantee continuity and reliable connections. Factory terminated FTBs make installation quick and easy, reducing labor costs. Before ordering, determine the block orientation and cable exit direction. Factory terminated 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).
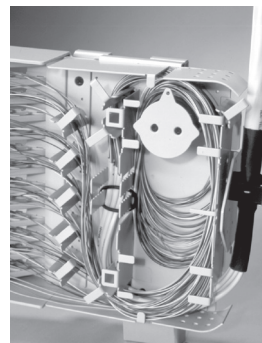

Preterminated Fiber Termination Blocks Arrive from the Factory with Either IFC or OSP Cables

Fiber Cable Easily Uncoils During Installation

Fiber Termination Block Ships Inside the Drum

IFC Cables Loaded into FTB

	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 IFC 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
6	**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

144-position Blocks

NGFB-TB1M _ _ _ _ _ _ _ _ _ _ _

3 Block Orientation

L	Left
R	Right

4 Cable Exit Direction

U	Upward
D	Downward

5 Connector and Adapter Type #1

Singlemode	
7	SC ultra polish
Multimode	
T	SC aqua (10G)[1]

6 Connector Type #2

Singlemode	
0	No connector/stub end
7	SC ultra polish
Multimode	
0	No connector/stub end
9	SC

8 Cable Length

Standard Single-Ended	
016	16 m (50')
023	23 m (75')
031	31 m (100')
046	46 m (150')
061	61 m (200')
077	77 m (250')
092	92 m (300')
122	122 m (400')
153	153 m (500')
Non-Standard	

Use XXX for non-standard length in meters

7 Cable Type (IFC Riser)

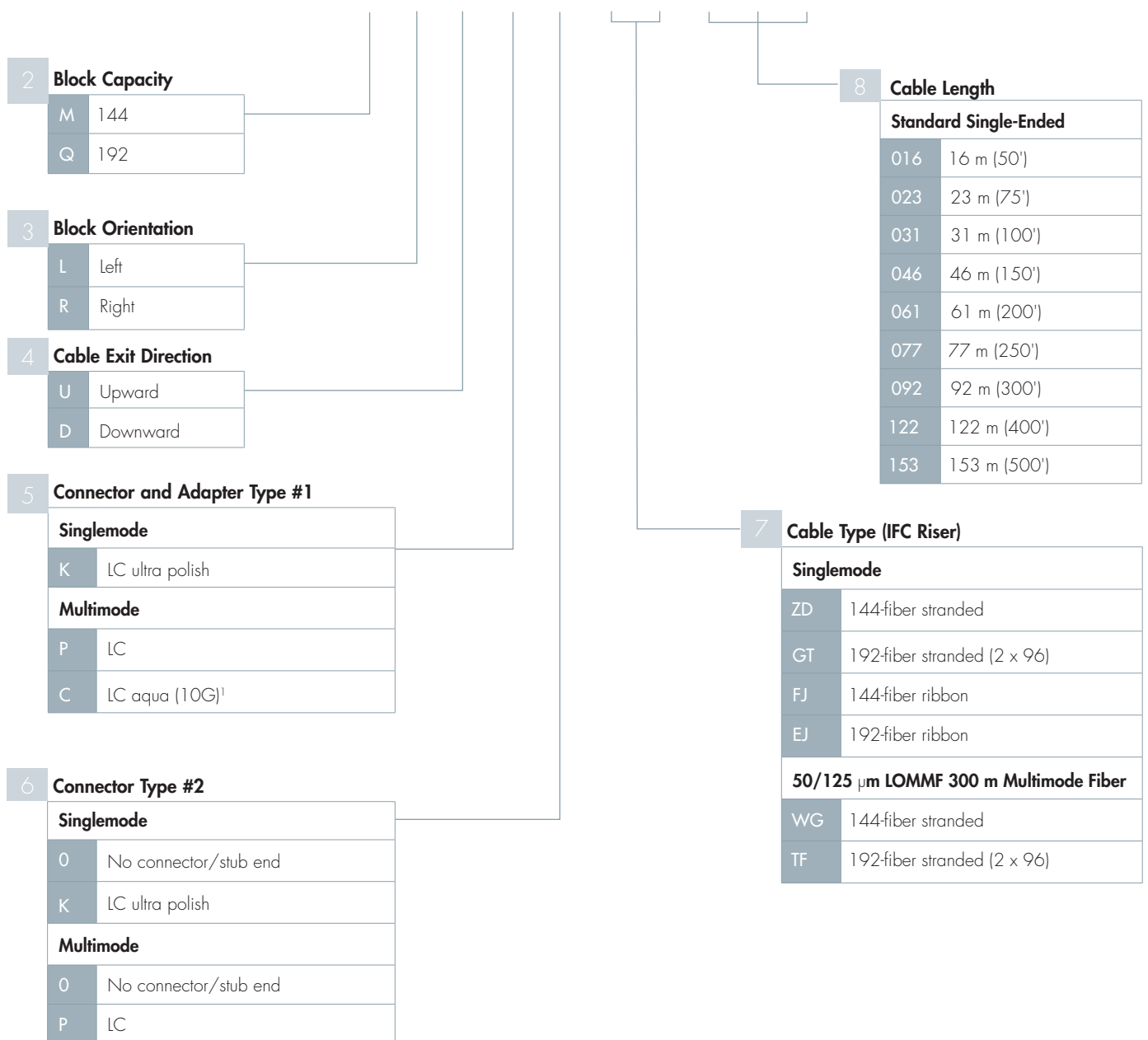| **Singlemode**	
ZD	144-fiber stranded
FJ	144-fiber ribbon
62.5/125 μm Multimode Fiber	
YM	144-fiber stranded
50/125 μm Multimode Fiber	
VZ	144-fiber stranded
50/125 μm LOMMF 300m Multimode Fiber	
WG	144-fiber stranded

[1] Aqua colored adapters with laser optimized multimode fiber for identification of 10 Gigabit circuits are recommended.

See previous page for definition of variables.

NGFB-TB4 __ __ __ __ __ __ __ __ __ __ __

2 Block Capacity

M	144
Q	192

3 Block Orientation

L	Left
R	Right

4 Cable Exit Direction

U	Upward
D	Downward

5 Connector and Adapter Type #1

Singlemode	
K	LC ultra polish
Multimode	
P	LC
C	LC aqua (10G)[1]

6 Connector Type #2

Singlemode	
0	No connector/stub end
K	LC ultra polish
Multimode	
0	No connector/stub end
P	LC

8 Cable Length

Standard Single-Ended	
016	16 m (50')
023	23 m (75')
031	31 m (100')
046	46 m (150')
061	61 m (200')
077	77 m (250')
092	92 m (300')
122	122 m (400')
153	153 m (500')

7 Cable Type (IFC Riser)

Singlemode	
ZD	144-fiber stranded
GT	192-fiber stranded (2 x 96)
FJ	144-fiber ribbon
EJ	192-fiber ribbon
50/125 μm LOMMF 300 m Multimode Fiber	
WG	144-fiber stranded
TF	192-fiber stranded (2 x 96)

[1] Aqua colored adapters with laser optimized multimode fiber for identification of 10 Gigabit circuits are recommended.

See previous page for definition of variables.

FTBs without fiber can be ordered fully loaded with adapters. 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 multifiber breakout style cable (i.e., OSP/IFC) is to be terminated to the rear of the block, a separate clamping kit and replacement rear storage area kit is required (see next page). FTBs cannot be ordered with a combination of singlemode and multimode adapters. If this combination is desired, CommScope recommends purchasing a fully loaded adapter only termination block, and separate sliding adapter packs to customize the block on-site.
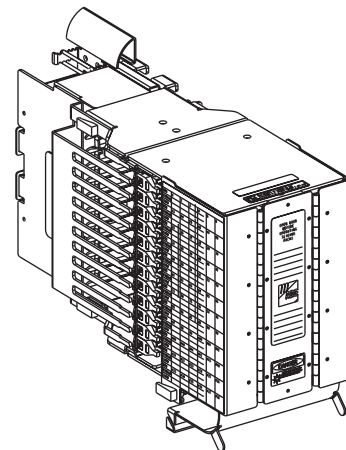
144-Position Right Upward FTB Shown

* When using the Fiber Optic Terminal Storage Panels, a cable exit UP block must be used.

Configuration Information

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

Ordering information continues on next page.

144-position Blocks

Ordering Information

Description	Part Number
10G Multimode LC[1]	
LC (aqua) adapters with zirconia sleeves; cable exit up; RIGHT block orientation	NGFB-TB4MRUC
LC (aqua) adapters with zirconia sleeves; cable exit up; LEFT block orientation	NGFB-TB4MLUC
LC (aqua) adapters with zirconia sleeves; cable exit down; RIGHT block orientation	NGFB-TB4MRDC
LC (aqua) adapters with zirconia sleeves; cable exit down; LEFT block orientation	NGFB-TB4MLDC
10G Multimode SC	
SC (aqua) adapters with zirconia sleeves; cable exit up; RIGHT block orientation	NGFB-TB1MRUT
SC (aqua) adapters with zirconia sleeves; cable exit up; LEFT block orientation	NGFB-TB1MLUT
SC (aqua) adapters with zirconia sleeves; cable exit down; RIGHT block orientation	NGFB-TB1MRDT
SC (aqua) adapters with zirconia sleeves; cable exit down; LEFT block orientation	NGFB-TB1MLDT
Singlemode LC	
LC (blue) adapters with zirconia sleeves; cable exit up; RIGHT block orientation	NGFB-TB4MRUK
LC (blue) adapters with zirconia sleeves; cable exit up; LEFT block orientation	NGFB-TB4MLUK
LC (blue) adapters with zirconia sleeves; cable exit down; RIGHT block orientation	NGFB-TB4MRDK
LC (blue) adapters with zirconia sleeves; cable exit down; LEFT block orientation	NGFB-TB4MLDK
Singlemode SC	
SC (blue) adapters with zirconia sleeves; cable exit up; RIGHT block orientation	NGFB-TB1MRU7
SC (blue) adapters with zirconia sleeves; cable exit up; LEFT block orientation	NGFB-TB1MLU7
SC (blue) adapters with zirconia sleeves; cable exit down; RIGHT block orientation	NGFB-TB1MRD7
SC (blue) adapters with zirconia sleeves; cable exit down; LEFT block orientation	NGFB-TB1MLD7

[1] Aqua colored adapters with laser optimized multimode fiber for identification of 10 Gigabit circuits are recommended.
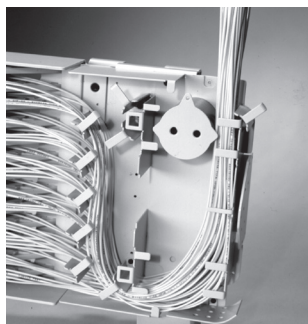
192-Position Blocks

Ordering Information

Description	Part Number
10G Multimode LC[1]	
LC (aqua) adapters with zirconia sleeves; cable exit up; RIGHT block orientation	NGFB-TB4QRUC
LC (aqua) adapters with zirconia sleeves; cable exit up; LEFT block orientation	NGFB-TB4QLUC
LC (aqua) adapters with zirconia sleeves; cable exit down; RIGHT block orientation	NGFB-TB4QRDC
LC (aqua) adapters with zirconia sleeves; cable exit down; LEFT block orientation	NGFB-TB4QLDC
Singlemode LC	
LC (blue) adapters with zirconia sleeves; cable exit up; RIGHT block orientation	NGFB-TB4MRUK
LC (blue) adapters with zirconia sleeves; cable exit up; LEFT block orientation	NGFB-TB4MLUK
LC (blue) adapters with zirconia sleeves; cable exit down; RIGHT block orientation	NGFB-TB4MRDK
LC (blue) adapters with zirconia sleeves; cable exit down; LEFT block orientation	NGFB-TB4MLDK

[1] Aqua colored adapters with laser optimized multimode fiber for identification of 10 Gigabit circuits are recommended.

Note: Maximum 1.7 mm jumpers are required when deploying 192 position FTBs.

Cable Clamping/Block Conversion Kits

Adapter-only blocks are configured to accommodate single fiber jumpers or multifiber breakout cables. If loading a preterminated intrafacility (IFC) cable or a preterminated OSP cable is desired, additional hardware will be required. Block conversion kits are available to convert adapter only blocks to blocks that will accept preterminated IFC or OSP style cables. The conversion kits contain the cable management hardware, brackets and cable clamps required to convert the block. The kit required will depend on the block style originally purchased.


72-Position Block Loaded
with Jumpers

Cable Clamp
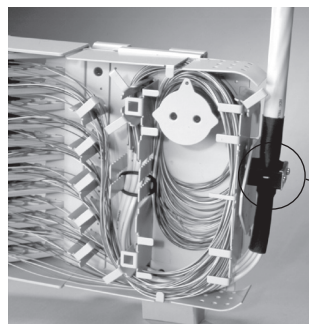
72-Position Block Loaded with Multifiber Breakout Cable

Protective Cover

Fanout Bracket
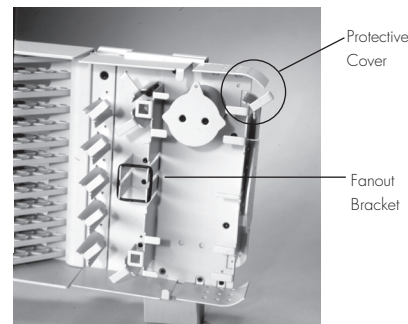
72-Position Block with
Clamping Kit

Ordering Information

Description	Part Number
Block style originally purchased	
144- or 192-position left up blocks	NGFB-ACCRCMSLU
144- or 192-position right up blocks	NGFB-ACCRCMSRU
144- or 192-position left down blocks	NGFB-ACCRCMSLD
144- or 192-position right down blocks	NGFB-ACCRCMSRD
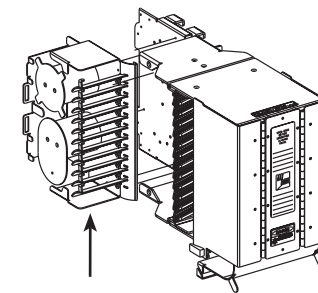
Rear Cable Management
Tray for 144 Block
Conversion Kit

NGF Optical Distribution Frame Solution
Sliding Adapter Packs

Sliding adapter packs house groups of fiber optic adapters and are mounted in Fiber Termination Blocks to provide easy access to connectors. Sliding Adapter Packs are available with SC and LC adapters. The adapters come in packs of six and eight depending on the adapter type and the desired termination density. See table below for configuration guidelines.
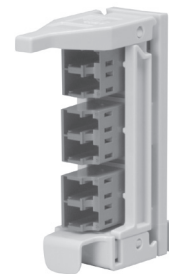
LC pack 144-position
(Style K)

SC pack
(Style K)

Sliding Adapter Pack Configuration Guidelines			
Block Configuration	**Adapter Type**	**Adapter Pack Configuration**	**Adapter Pack Option**
144-Position (block code 'M') 192-Position (block code 'Q')	SC, LC LC	6 Pack/6 Pack 8 Pack/8 Pack	K (shown below) J

Ordering Information

Description	Part Number
144-position Blocks	
10 G Multimode LC[1]	NGF-SAPC0K00
10 G Multimode SC[1]	NGF-SAPT0K00
Singlemode LC	NGF-SAPK0K00
Singlemode SC	NGF-SAP70K00
192-position Blocks	
Multimode LC	NGF-SAPP0J00
10G Multimode LC[1]	NGF-SAPC0J00
Singlemode LC	NGF-SAPK0J00

1 Aqua colored adapters with laser optimized multimode fiber for identification of 10 Gigabit circuits are recommended.

Note: Maximum 1.7 mm jumpers are required when deploying 192 position FTBs.

Enhanced High Density Fiber Blocks and Frame

Today's advanced data centers, central offices, head ends and broadcast centers are ever more demanding in their need for rapid deployment and space efficiency. Enhanced High Density pre-loaded fiber blocks augment the proven NGF frame system with even more dense block configurations for LC (up to 288 fibers.) Frequently deployed in building entrances and "meet-me" areas, these enhanced blocks are available with pre-loaded LC to MPO couplers, or with pre-terminated fiber stubs to support rapid deployment of bandwidth.

The pre-terminated 288 LC-MPO modules eliminate the need to individually plug in hundreds of connectors at the rear of the panel; thus replacing a large number of LC installation steps via a small number of 12 fiber MPO interfaces. Installers plug pre-terminated MPO assemblies directly into MPO modules at the rear, which distribute trunk fibers into LC connectors at the front. All pre-terminated blocks are tested and fully assembled, and packaged to provide the maximum craft friendliness through simple, uniform practices.

Features

- Enhanced High Density NGF blocks enable exceptional fiber density with managed access for connectivity at the front and rear of the patch panel.

- Blocks provide high density, improved connector access, simplified patching and ample cable management provisions

- Blocks are available in 288 count, LC-MPO and 288 count LC-stub.

- Assured performance – Each module is pre-tested in the factory, and test data is traceable via a bar code to a test database

- Packaging protects the connectorized blocks and speeds "bolt-in" installation

- Modules are clearly marked for simplified labeling and documentation

- 288 blocks with cable stub include cable breakout kit shipped with unit

- The Enhanced High Density Block is used exclusively with the 42" Enhanced High Density Frame

288 Fiber LC-MPO Block

Ordering Information

Description	Left Side Part Number	Right Side Part Number
288 Fiber LC-MPO Block (12 fiber MPO connectivity, Single Mode)	NGFB-MPSLOK612	NGFB-MPSROK612

Note: this block must be used with the 42" frame (see page 14 for more information on the 42" frame.)

288 Fiber LC Block Pre-Terminated OFNR Trunk Cable Stub

Ordering Information

Description	Left Side Part Number	Right Side Part Number
25 Meters	NGFB-TB5SLUK0KC025	NGFB-TB5SRUK0KC025
30 Meters	NGFB-TB5SLUK0KC030	NGFB-TB5SRUK0KC030
35 Meters	NGFB-TB5SLUK0KC035	NGFB-TB5SRUK0KC035
40 Meters	NGFB-TB5SLUK0KC040	NGFB-TB5SRUK0KC040
45 Meters	NGFB-TB5SLUK0KC045	NGFB-TB5SRUK0KC045
50 Meters	NGFB-TB5SLUK0KC050	NGFB-TB5SRUK0KC050
55 Meters	NGFB-TB5SLUK0KC055	NGFB-TB5SRUK0KC055
60 Meters	NGFB-TB5SLUK0KC060	NGFB-TB5SRUK0KC060
65 Meters	NGFB-TB5SLUK0KC065	NGFB-TB5SRUK0KC065
70 Meters	NGFB-TB5SLUK0KC070	NGFB-TB5SRUK0KC070
75 Meters	NGFB-TB5SLUK0KC075	NGFB-TB5SRUK0KC075

Note: 288 Fiber Blocks with cable stub include cable breakout kit shipped with unit.

Blocks contain Single Mode OS2 stubs

288 Fiber LC Block Pre-Terminated LSZH Trunk Cable Stub

Ordering Information

| Description	Left Side Part Number	Right Side Part Number
25 Meters	NGFB-TB5SLUK0KP025	NGFB-TB5SRUK0KP025
30 Meters	NGFB-TB5SLUK0KP030	NGFB-TB5SRUK0KP030
35 Meters	NGFB-TB5SLUK0KP035	NGFB-TB5SRUK0KP035
40 Meters	NGFB-TB5SLUK0KP040	NGFB-TB5SRUK0KP040
45 Meters	NGFB-TB5SLUK0KP045	NGFB-TB5SRUK0KP045
50 Meters	NGFB-TB5SLUK0KP050	NGFB-TB5SRUK0KP050
55 Meters	NGFB-TB5SLUK0KP055	NGFB-TB5SRUK0KP055
60 Meters	NGFB-TB5SLUK0KP060	NGFB-TB5SRUK0KP060
65 Meters	NGFB-TB5SLUK0KP065	NGFB-TB5SRUK0KP065
70 Meters	NGFB-TB5SLUK0KP070	NGFB-TB5SRUK0KP070
75 Meters	NGFB-TB5SLUK0KP075	NGFB-TB5SRUK0KP075

Note: 288 Fiber Blocks with cable stub include cable breakout kit shipped with unit.

Blocks contain Single Mode OS2 stubs

Enhanced High Density NGF Frame

The 288 Fiber blocks require an Enhanced High Density NGF Frame to provide ample vertical cable routing wireways and slack storage for the larger fiber count blocks. The Enhanced High Density NGF Frame allows installation of six left and six right side Enhanced High Density NGF Blocks and occupies 42″ width of floor space. The frame is 7′ tall and 24″ deep and can be installed directly next to existing traditional 30″ wide NGF Frames.
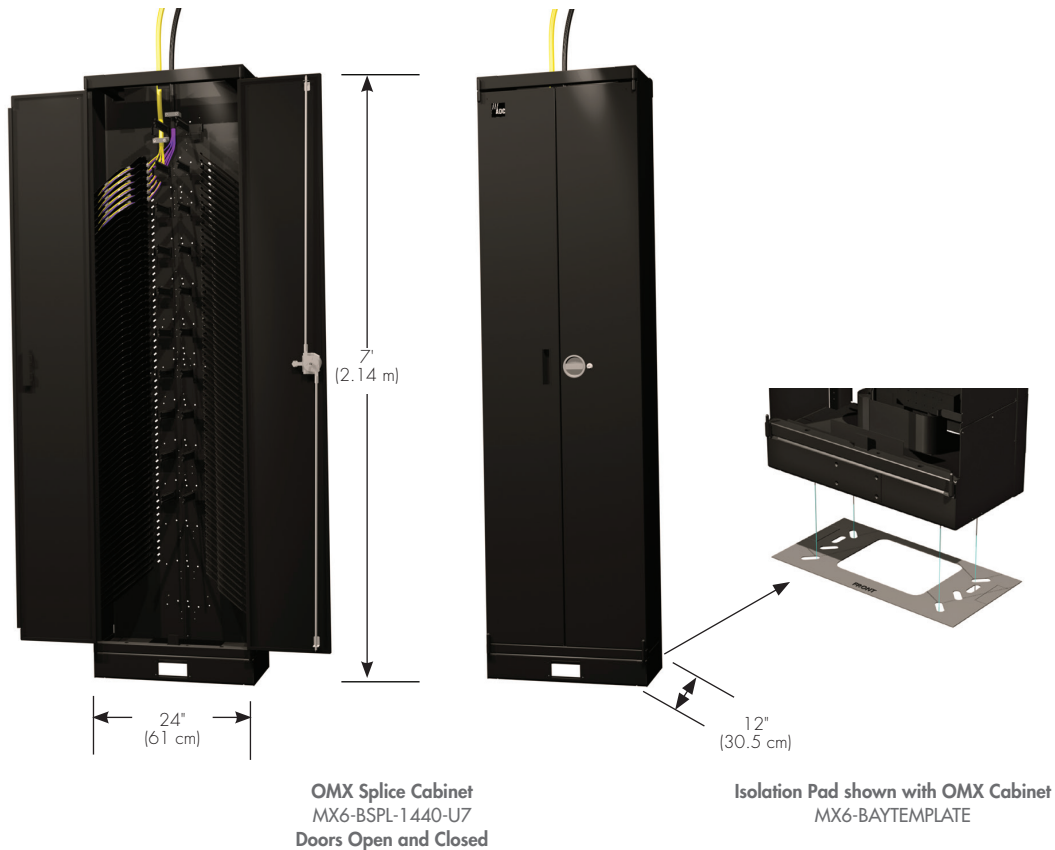
Ordering Information

Description	Dimensions	Part Number
Enhanced High Density NGF Frame accommodates 288 and 432 size blocks Color: black	7′ x 42″ x 24″ (2.14m x 106.7cm x 61cm)	NGFB-MDF7A288-42
Enhanced High Density Frame Isolation Pad A template for frame installation providing isolation between the frame and the floor		NGF-ACCISOP42X24

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For more information, visit commscope.com
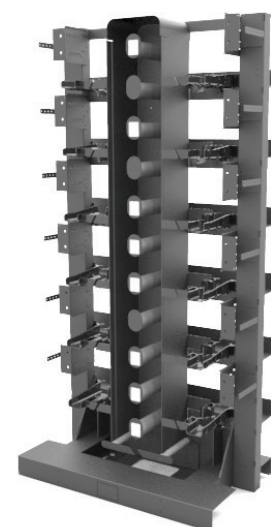
NGF Optical Distribution Frame Solution
OMX Splice Cabinet

The OMX Splice Cabinet is a high-density splice solution, housing up to 1,440 splices within a 23.6- by 11.8-inch footprint. Shipped complete with the necessary cable management, it features slots which secure and protect the round splice trays and can hold up to sixty 12-fiber splice trays on each vertical. The cabinet is shipped with lockable front doors and may be ordered for applications in which the cables enter from above or below.
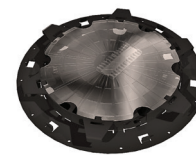

OMX Splice Cabinet
MX6-BSPL-1440-U7
Doors Open and Closed

Isolation Pad shown with OMX Cabinet
MX6-BAYTEMPLATE

Ordering Information

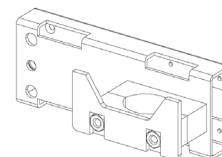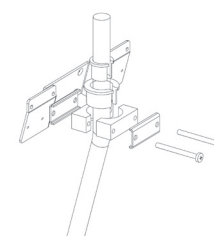| Description	Dimensions	Part Number
Fully Configured Splice Cabinets; Accommodate up to 1440 fiber splices, Cable enters from top, Color: black	7' x 24" x 12" (2.14 m x 61 cm x 30.5 cm)	
Cable Exit Up; Cable enters from above		MX6-BSPL-1440-U7
Cable Exit Down; Cable enters from below		MX6-BSPL-1440-D7
Isolation Pad – Splice Cabinet; A template for cabinet installation providing isolation between the cabinet and the ground		MX6-BAYTEMPLATE

Splice Wheel

Ordering Information

Description	Part Number
Splice Wheel	
Accommodates up to 24 fiber splices, heat shrink fusion chip	FST-DRS24-NT
Accommodates 2x12 mass ribbon fusion splices	FST-DRS12-MT

FST-DRS24-HS

Cable Clamps

Ordering Information

Description	Part Number
OMX Splice Frame Cable Clamps	
For OSP Cable	FEC-ACCCLMP01
For IFC Cable	MX6-SPLIFCCLMP

FEC-ACCCLMP01

MX6-SPLIFCCLMP

Cable Clamp Kit

Cable clamp kits are available for securing IFC/OSP cable or equipment jumpers on the rear of the Fiber Termination Block (FTB). Each FTB has three cable clamp mounting positions.

Ordering Information

Description	Part Number
Cable clamp kit for equipment patch cords (included with fiber termination blocks loaded with adapters only)	NGF-ACCCLMP04
Cable clamp kit for trunk cables, dielectric cable without grounding hardware (included with fiber termination blocks with IFC)	NGF-ACCCLMP08

Cable clamp kit for active equipment patch cord includes:

Cable clamp bracket	1 each
O-ring	1 each
Screws	2 each

Cable clamp kit for trunk cables includes:

Clamp cover	1 each
Clamps	2 each
0.5" Grommet (inner diameter)	1 each
0.6" Grommet (inner diameter)	1 each
0.7" Grommet (inner diameter)	1 each
#14 - #6 AWG split bolt	1 each
Shield bonding connector	1 each
1-foot lead wire	1 each
#6 AWG ring terminal lug	1 each
Clamp cover plate	1 each

Frame Installation Kit

Frame installation kits may be used on network frames and are seismic zone 4 rated.

Computer floor kit includes:

Threaded rods	4 each, 5/8" – 11" x 30"
Heavy nuts, locks and flat washers	12 each
Nuts with springs	4 each, 1/2" x 30" and shoulder washers
Unistrut and anchor kit	1 each, 10'

Overhead support kit includes:

Designation card holder	1 each
Two-bar channel	4 each
Framing clip with 0.56	4 each
Framing clip with 0.69	4 each
Clip J-bolt	4 each, 1/2" – 13" x 18" long
Threaded rod	2 each, 5/8" x 18" long
Hex nut	4 each, 1/2" x 13"
Hex nut	4 each, 5/8" x 11"

Ordering Information

Description	Part Number
Frame installation kits	
For computer floor	FDF-ACC146
For overhead support	RINST-TOP7P

Standard Cross-Connect Patch Cord Lengths

Total Number of Sections Traversed[1]	Approximate Patch Cord Length Meters (Feet)
Same frame	6 m (18')
Adjacent frames	7 m (23')
3 to 4	8 m (26')
5 to 6	10 m (33')
7 to 8	11 m (36')
9 to 10	12 m (39')

[1]Depending on office requirements, 11 or more frame sections may require the use of interbay tie panels.
For additional information, please call CommScope Technical Assistance Center, 1-800-366-3891.
For recommended cross-connect method and installation instructions, refer to User Manual TEP-90-285.

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