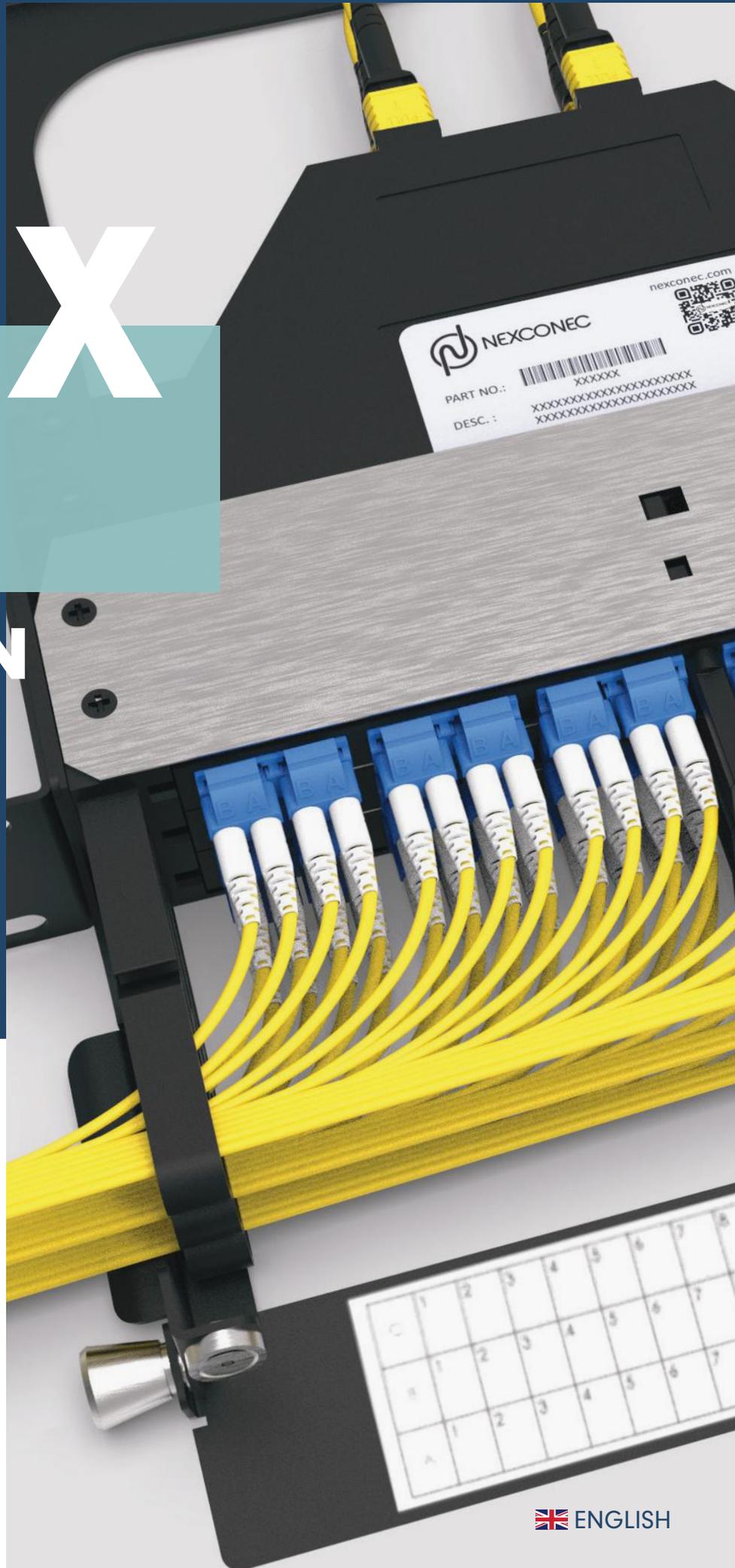


NGX

ULTRA
HIGH
DENSITY
SOLUTION





High demand for efficiency and need for space

Lower operation costs. High degree of agility and flexibility

Reduced environmental impact, modular and scalable solutions

FAST AND FLEXIBLE
CONNECTIVITY,
FUTURE
PROOFING OF
DATA CENTERS

ABOUT US

Dynamic, flexible and customer focused, Nexconec is constantly evolving along with the industry. We develop and manufacture high end innovative solutions for connectivity and structured cabling.

Our exigent international customer base is active in multiple segments: Data Center, Telecommunication networks and Premise networks.

With multiple locations around the globe coupled with our distribution network we know how to best serve you with the greatest attention.

FOR HIGHER DENSITY DEMAND, WE HAVE THE ANSWER

Data centers are focused on data transmission speed and space optimization. The NGX Ultra High Density Solution achieves these two goals.

Our solution is designed for optimal fiber management, ease of installation & deployment, and the ability to add & manage modules without disrupting those already in service.





NEXCONEC
PART NO.: XXXXX
DESC.: XXXXXXXXXXXXXXXXXXXXXXXX

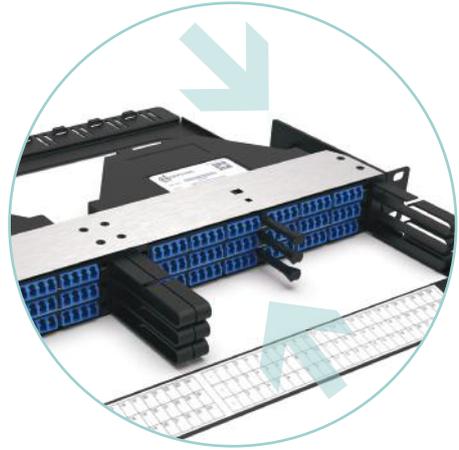
NEXCONEC

**MEET YOUR
DEFINITIVE
SOLUTION**

NGX ULTRA HIGH-DENSITY



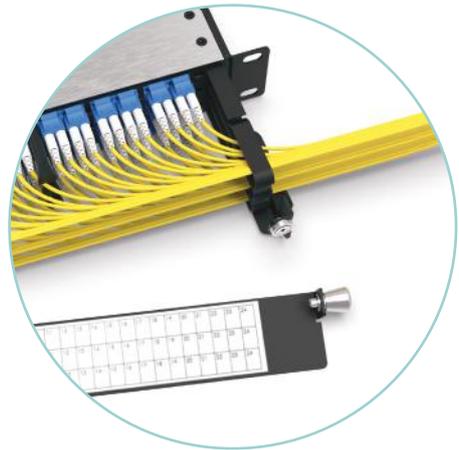
Side Fingers Management



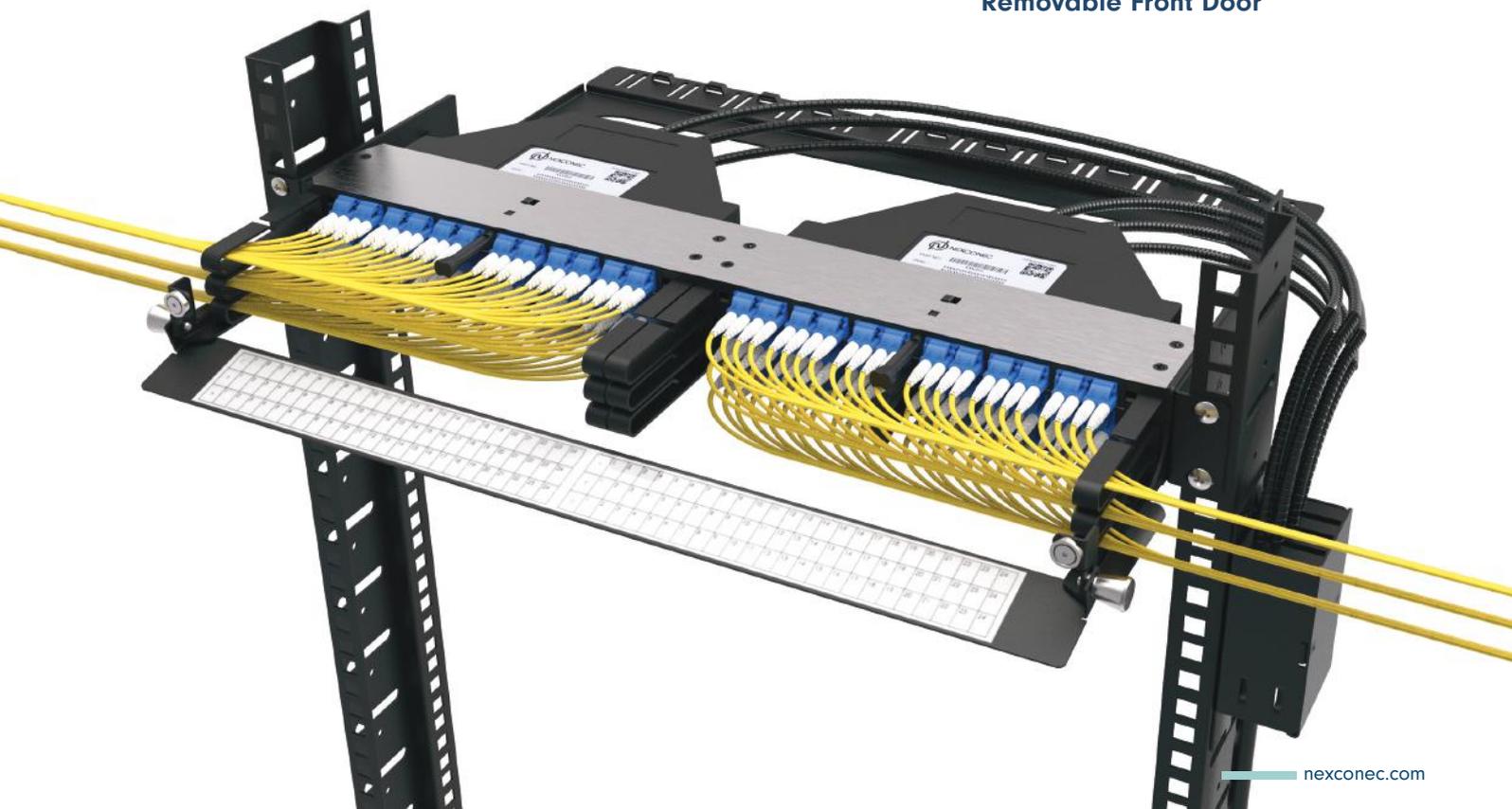
Front and Rear Installation



6 Slots per Unit up to 144FO in LC



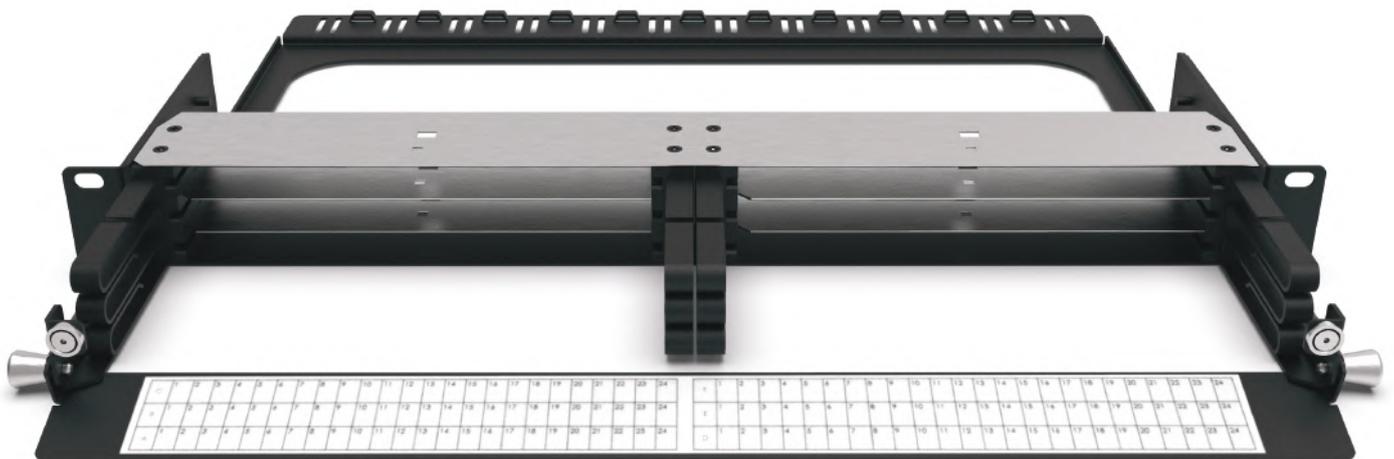
Removable Front Door



NGX 1U MODULAR CHASSIS

Ultra High Density

144FO LC in only 1U,
6 Modules per chassis,
Unprecedented modularity.



Unloaded Chassis



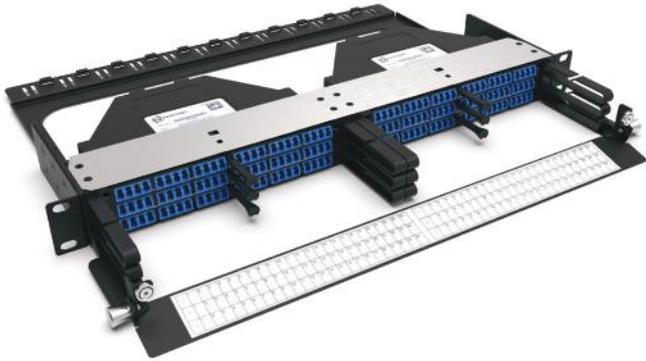
Loaded Chassis

Front Entry of Modules



Rear Entry of Modules

NGX ULTRA HIGH-DENSITY



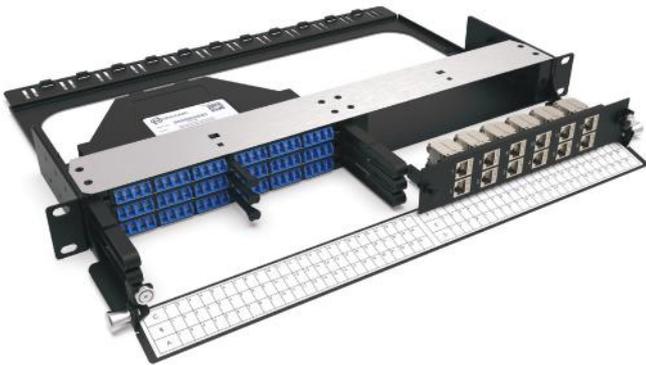
NGXPP01

1U NGX HD Modular Panel (up to 144FO)



NGXPP02

1U NGX HD Angled Modular Panel (up to 144FO)



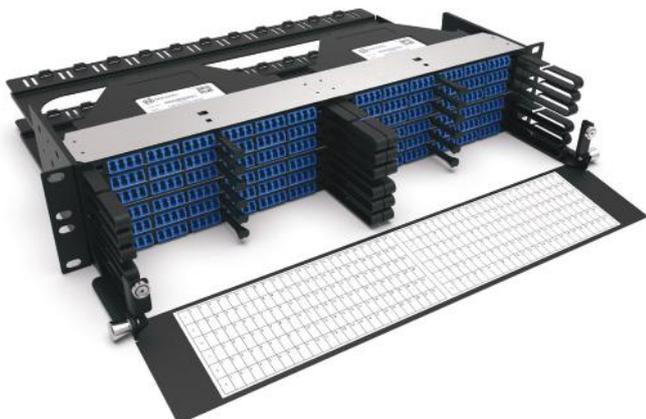
NGXPP03

1U NGX Hybrid Fiber & Copper Modular Panel



NGXPP04

1U NGX Hybrid Fiber & Copper Angled Modular Panel



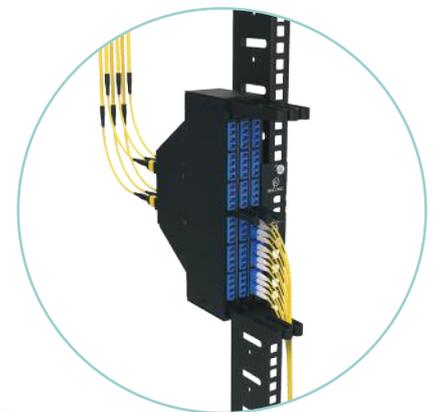
NGXPP21

2U NGX HD Modular Panel (up to 288FO)



NGXBK01

NGX Zero RU Bracket

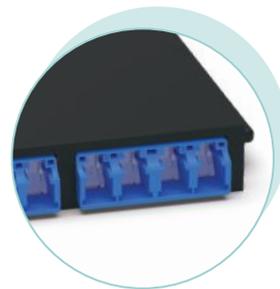


UNIQUE FEATURES

With increasingly high-powered active devices being used in today's networking and telecommunication platforms, eye safety and connector cleanliness are an absolute necessity. Nexconec's dustproof LC adapter with internal shutter has been designed to meet this growing need.

The unique NGX module locking system is designed as a tab for users to push/pull modules into the chassis and lock the module in the chassis with no additional tool.

Therefore, the modules are easy to access during and after deployment. Each module has its own locking system to have individual access without disrupting other modules that are already in service.



Laser and Dustproof Shuttered Adapters



Push/Pull Rotating Lock System



MTP/MPO MODULES

NGX MTP/MPO modules are the interface between MTP/MPO trunks and optical patchcords. NGX modules are available in 24FO LC or 12FO SC featuring different polarity configurations. The modules are manufactured with Premium low loss connectors for enhanced optical performance thereby allowing multiple connections while respecting the optical link loss budget.

The LC adaptors have unique shutters to provide dust proof module and eye protection against high power laser. The adapters also help to identify ports by using a Visual Fault Locator.

The modules are available in different configurations:

24FO Module with
12 MTP/MPO base to 24 LC



24FO Module with
24 MTP/MPO base to 24 LC



24FO Module with
8 MTP/MPO base to 24 LC



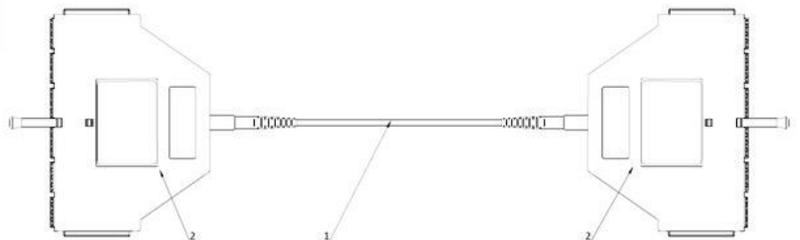
PRE-TERMINATED MODULES

The NGX Pre-terminated modules enhance the budget link loss with reduced connectivity and thereby reduces cost. Depending on the application, different types of configuration are available.

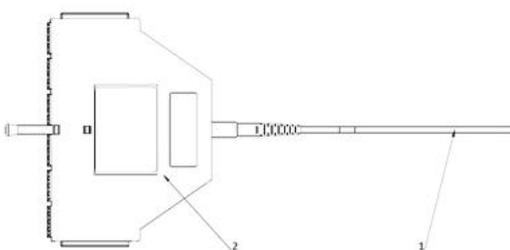
The LC adaptors have unique shutters to provide dust proof module and eye protection against high power laser. The adapters also help to identify ports by using a Visual Fault Locator.



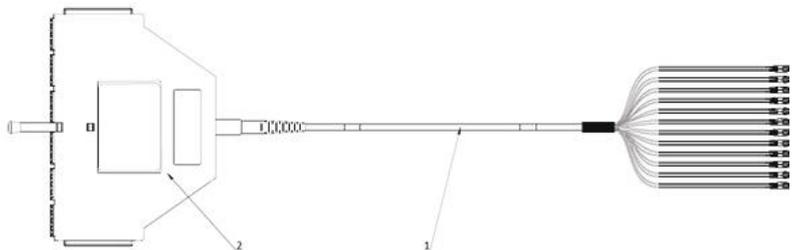
Custom Made Pre-terminated Modules



24FO NGX LC Pre-terminated Module to 24FO
NGX LC Pre-terminated Module



NGX LC Pre-Terminated Module to Open End



NGX LC Pre-terminated Module to 24FO to Active Equipment

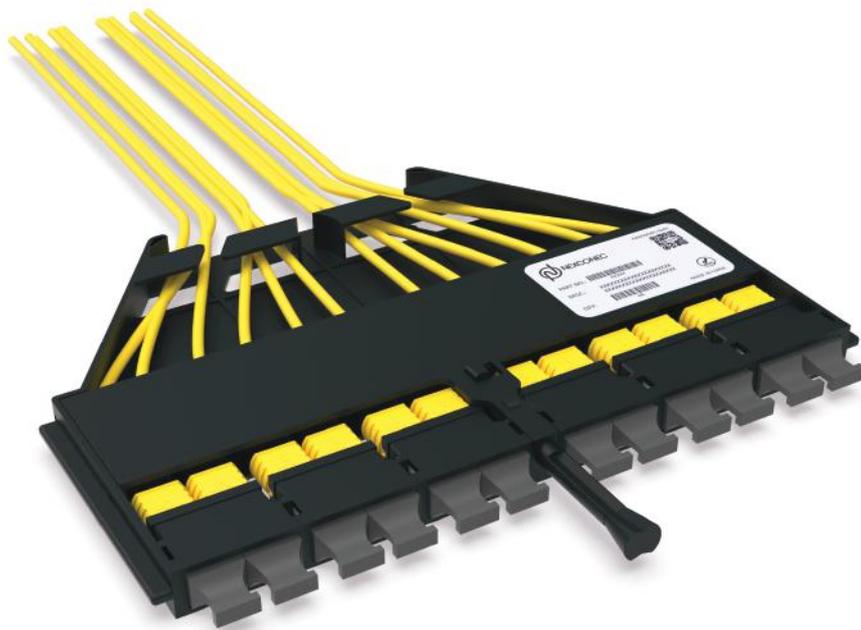


**ENHANCES
BUDGET
LINK LOSS
AND COST
EFFICIENT**

PATCH MODULES

NGX patch modules provides additional flexibility to the infrastructure without compromising chassis density.

The modules are available in 24FO LC, 12FO SC or 6 MPO duplex ports. Patch NGX modules provides direct connections while saving on product cost and enhancing optical budget link loss.



NGX Patch Module 6 Port MPO DX



NGX Patch Module 24FO LC

**NGX PATCH
MODULES ARE
AVAILABLE IN
LC, SC & MPO**

SPLICING MODULES

NGX Splicing Modules provides additional flexibility to the infrastructure without compromising chassis density. The modules are available in 24FO LC or 12FO SC. The splice NGX modules are delivered splice ready for installation with adaptors, premium pigtails, and accessories (cable entry gland, splice protectors and cable clamp module).

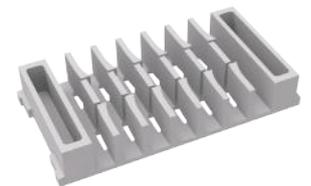
The cable clamping accessory is designed to clamp 3mm and 5mm tubes. Different splicing bridge options are available: single fiber splicing, ribbon fiber splicing and mechanical splicing.

The LC adaptors have unique shutters to provide dust proof module and eye protection against high power laser. The adapters also help to identify ports by using a Visual Fault Locator.

NGX Splicing Module 24FO LC SM

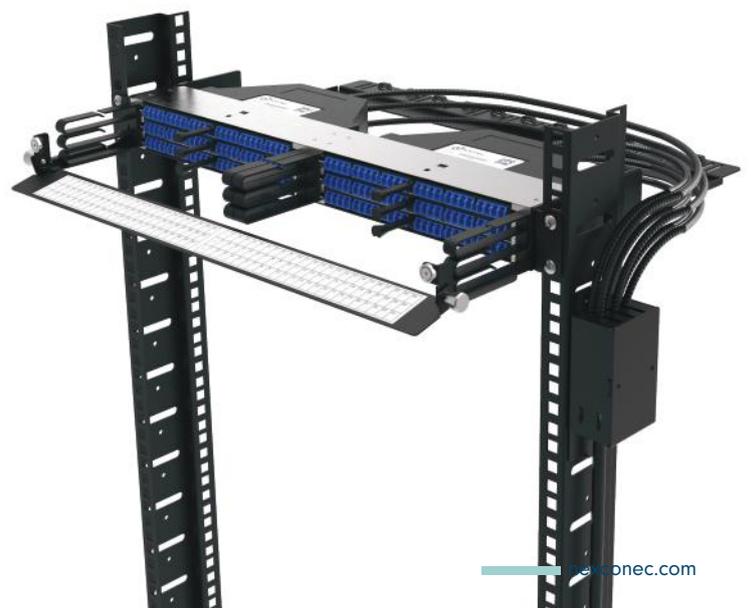


Single Fiber Splice Holder



Ribbon Splice Holder

Fiber Cable Transition Unit



UNPRECEDENTED MODULARITY



NGXCA03Q

Transition Module
16FO MTP/MPO-LC (40G-10G)

NGXCA05Q

Transition Module Front
16FO MTP/MPO-LC (40G-10G)

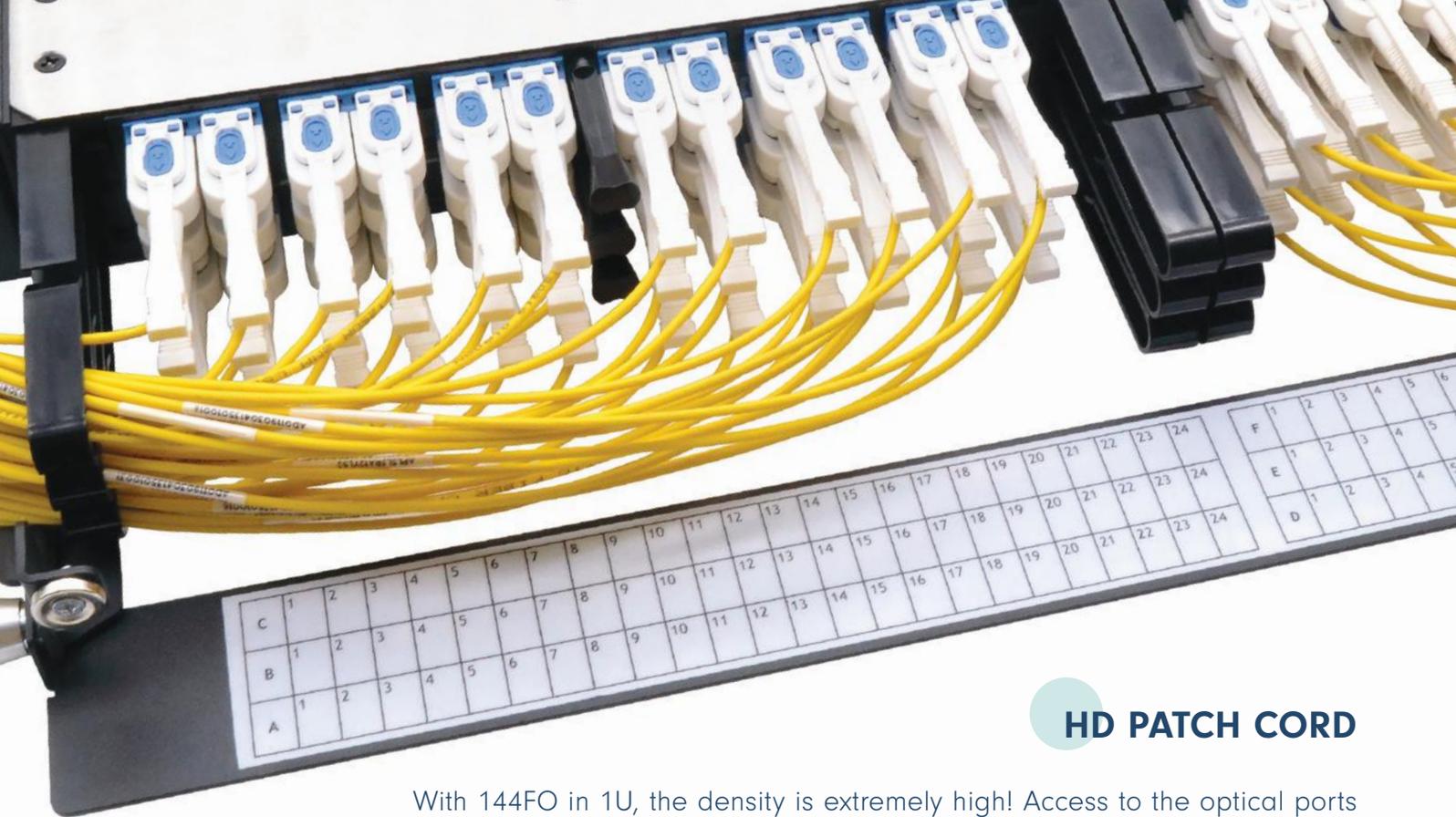


NGX offers a Hybrid option! With the **NGXKJ00** the chassis will have 72FO and 12 keystone Jacks!

NGXPP02

Another look for the
NGX Angled Modular Chassis



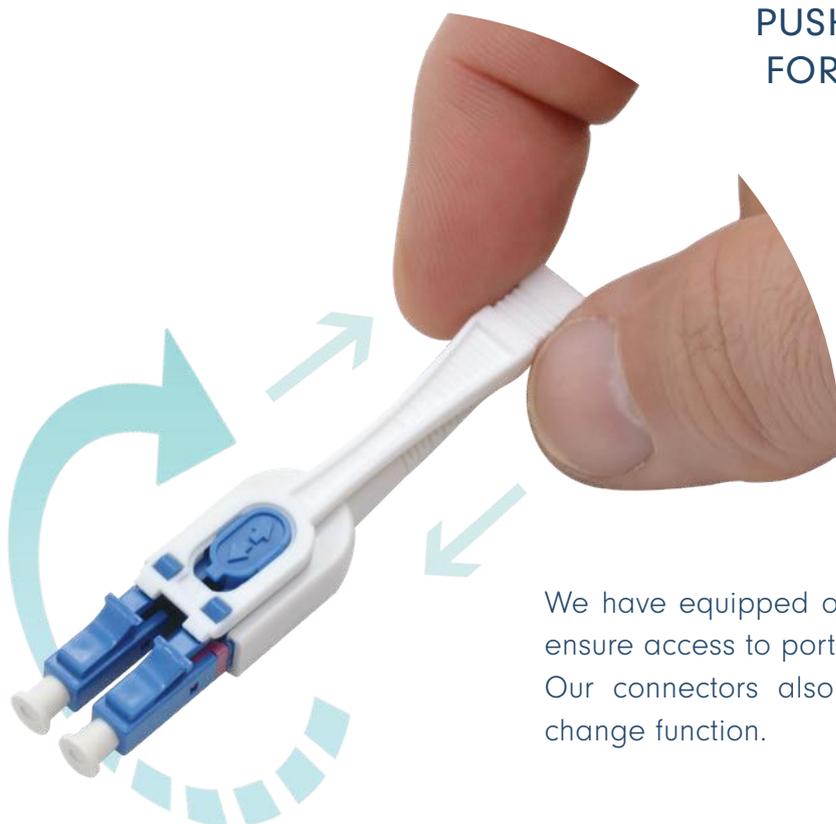


HD PATCH CORD

With 144FO in 1U, the density is extremely high! Access to the optical ports could therefore be compromised and the front of the chassis saturated by the number of cables. The Nexconec HD patchcord addresses all these problems: thanks to the uniboot and round duplex 2mm diameter cable, the cable density is reduced by 50%.

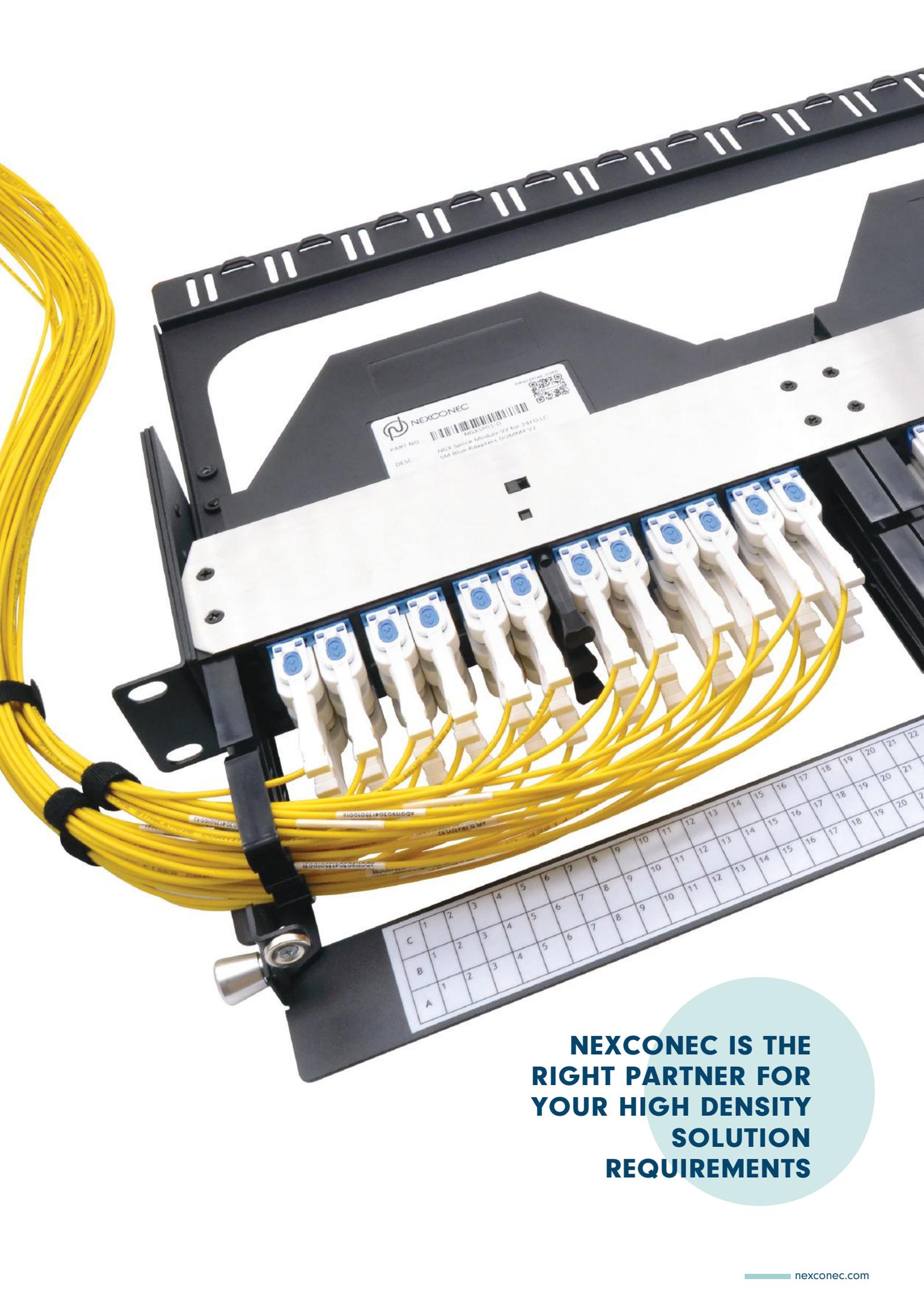
The HD patchcords are designed with a push/pull tab to have easy access to each ports and connectors. The HD patchcords also features polarity change function.

PUSH/PULL TAB
FOR EASY AND
EFFICIENT
ACCESS



CHANGE
POLARITY
EASILY

We have equipped our HD jumpers to ensure access to ports and connectors. Our connectors also have a polarity change function.



NEXCONEC
PART NO. NEX3002-01
DESC. NGX Splice Module V2 for 24 FC LC SM Blue Adapters D3MAY V2

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
C	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
B	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
A	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22

**NEXCONEC IS THE
RIGHT PARTNER FOR
YOUR HIGH DENSITY
SOLUTION
REQUIREMENTS**

WE WERE BORN WITH A MISSION

The mission is to be a leader and innovator in network connectivity through superior engineering, manufacturing and customer services capabilities. Dynamic, flexible and customer focused, Nexconec is constantly evolving along with the industry. We develop and manufacture high end innovative solutions for connectivity and structured cabling.

We have very strict manufacturing and development process in place to guarantee the quality of the products. We understand the demands and requirements of the customers, and respond accurately to facilitate the work of each request. We design, specify, and manufacture all aspects of the products using our multi-talented design and engineering teams.

With multiple locations around the globe coupled with our distribution network we know how to best serve you with the greatest attention.

With headquarters in Hong Kong, offices in China, France, Argentina coupled with our distribution network we know how to best serve you with the greatest attention.

OPTICAL FIBER MANAGEMENT SYSTEM

NGX

ULTRA
HIGH
DENSITY
SOLUTION



Europe



Latin America



Asia-Pac



China



✉ sales@nexconec.com
🌐 www.nexconec.com

