



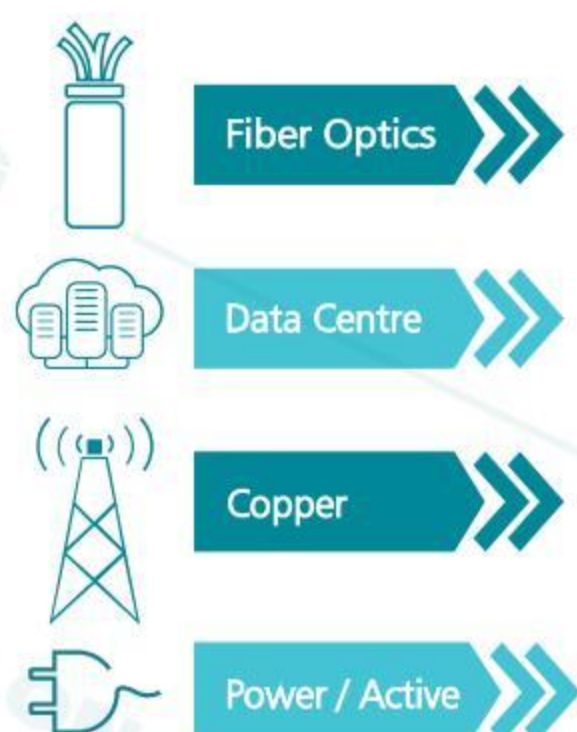
## Product Guide



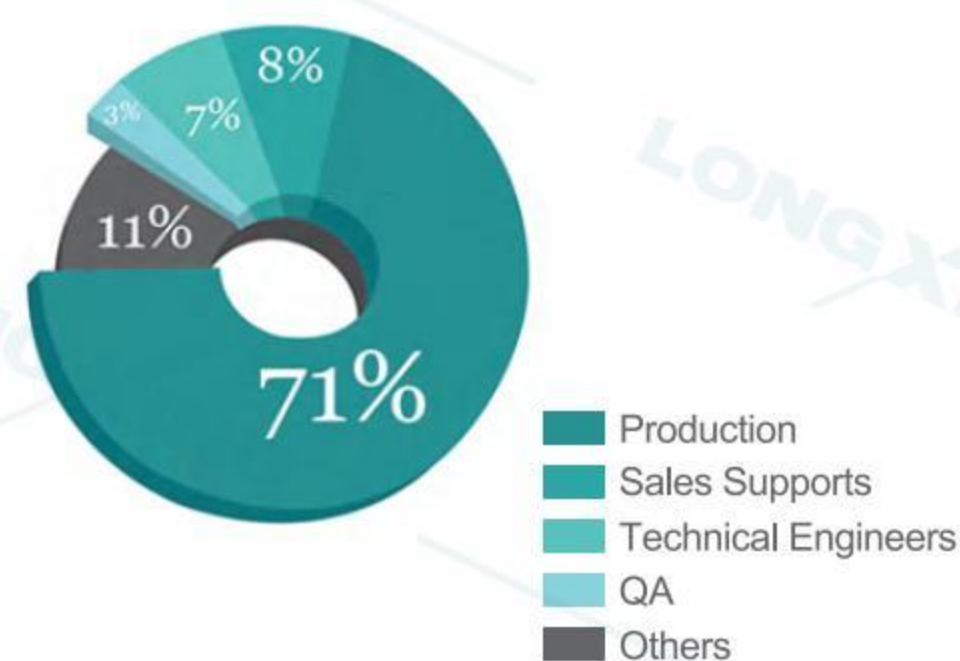




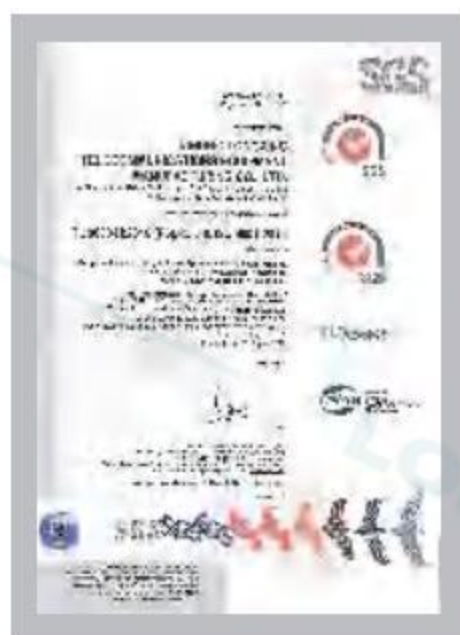
## Products & Services



Staff:800+



## Qualification



TL 9000



ISO 14001

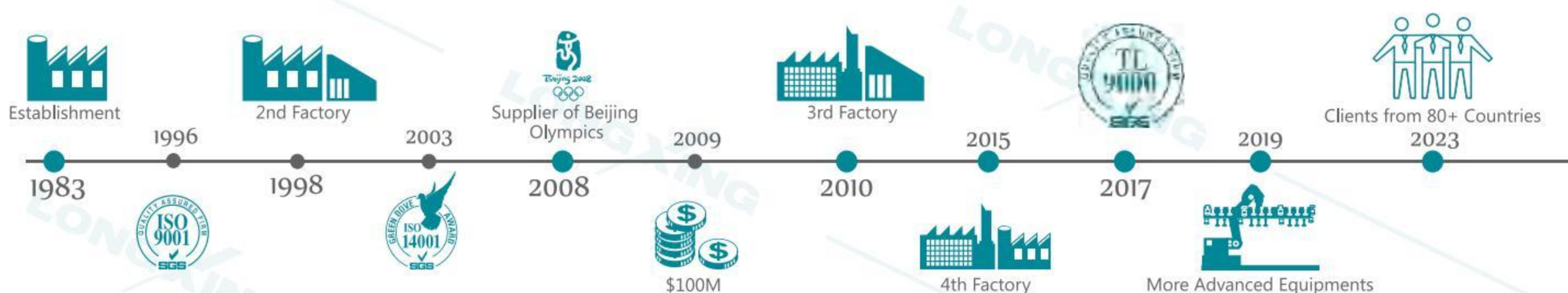


ISO 9001



Quality Guarantee

## History of LONGXING





► About us

LongXing has been applying its incomparable know-how in fiber optics and copper to actively develop products that enhance telecommunications for over 40 years.

Our products and solutions extend from the data centre to central offices, curbs and straight to your home. We produce passive and active products, as well as indoor and outdoor products (ex: ODF, network cabinets, distribution boxes, cable tray, systems splice closures, outdoor cabinets, PDUs, micro data centre and optical accessories).

LongXing is an environmental friendly company and we are minimizing the printed documents including marketing brochures. Therefore this brochure does not cover all the products and solutions we provide, for further information please visit us at [www.lxtelecom.com](http://www.lxtelecom.com), or contact us at [info@lxtelecom.com](mailto:info@lxtelecom.com).

CONTENTS

Optical Fiber Distribution Frames (ODF)	04
Patch Panels	17
MPO Solutions	32
Outdoor Cabinets	35
Distribution Boxes	38
Splice Closures	42
WDM & Splitters	52
Accessories	58
Network Cabinets	66
Cable Trays	70
Power Management	72
Data Centre Solutions	80



# LONGXING ONE-STOP

1 ODFs



2 Patch Panels



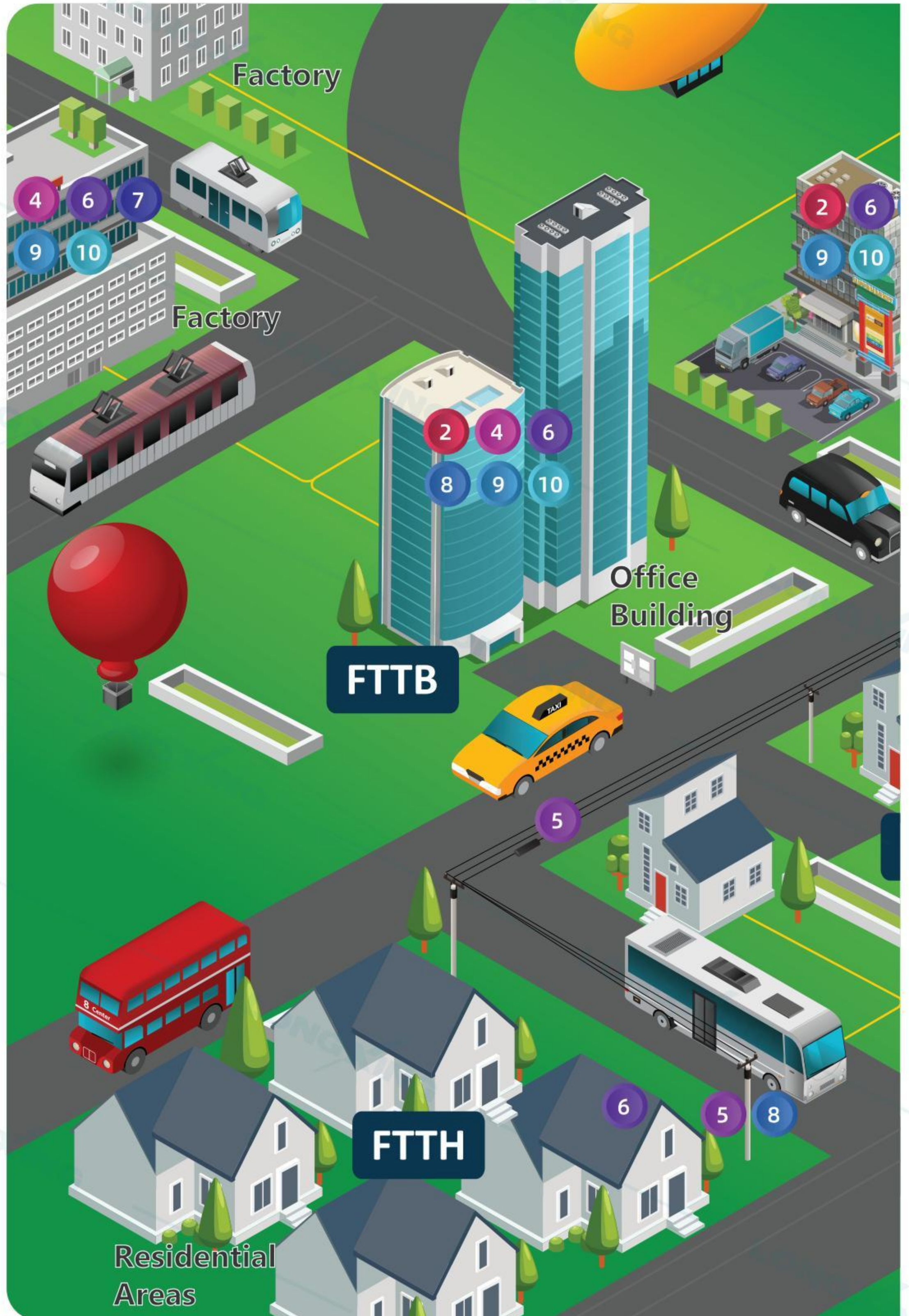
3 Outdoor Cabinets



4 Data Centers

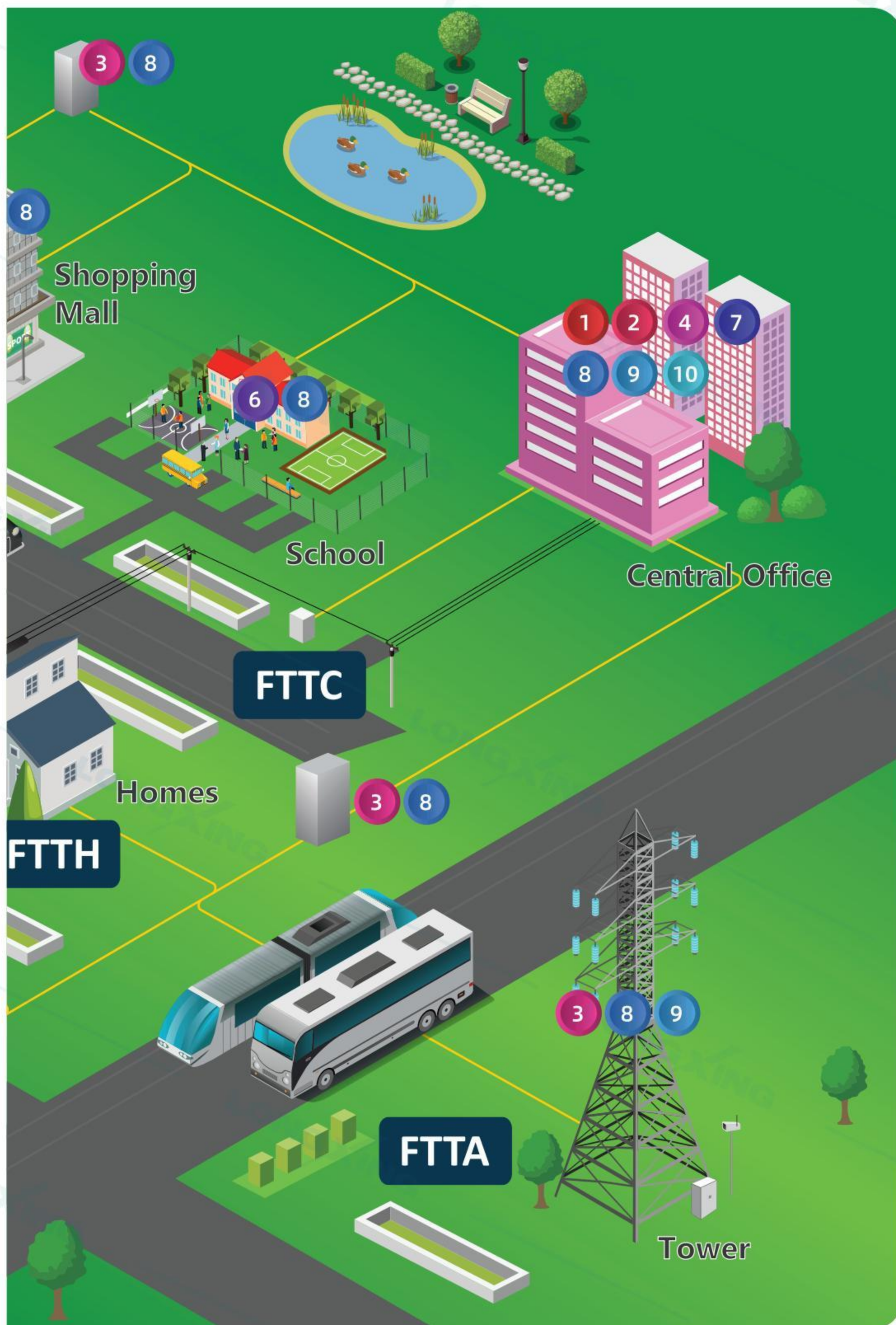


5 Splice Closures





# TOTAL SOLUTIONS



10 Network Cabinets



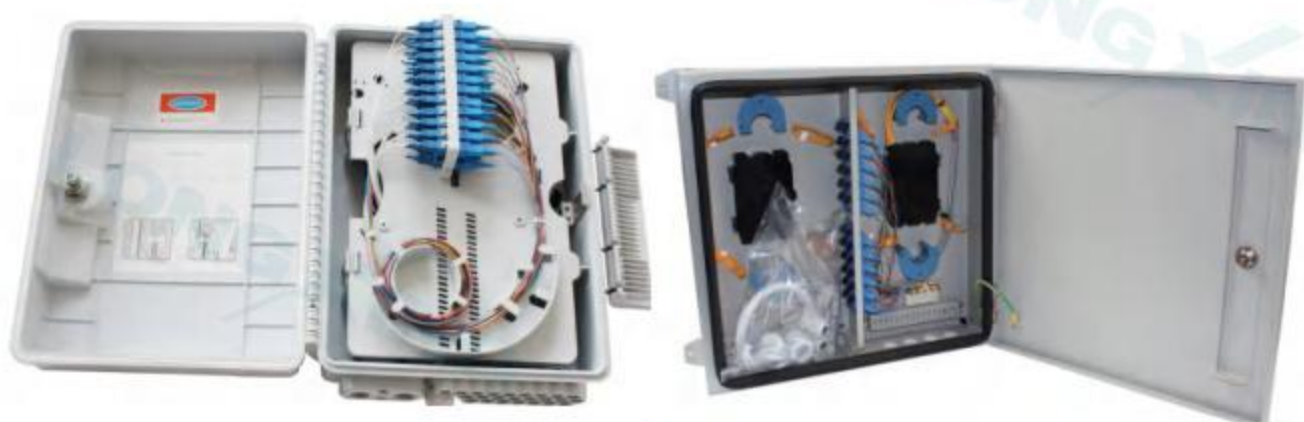
9 Power Managements



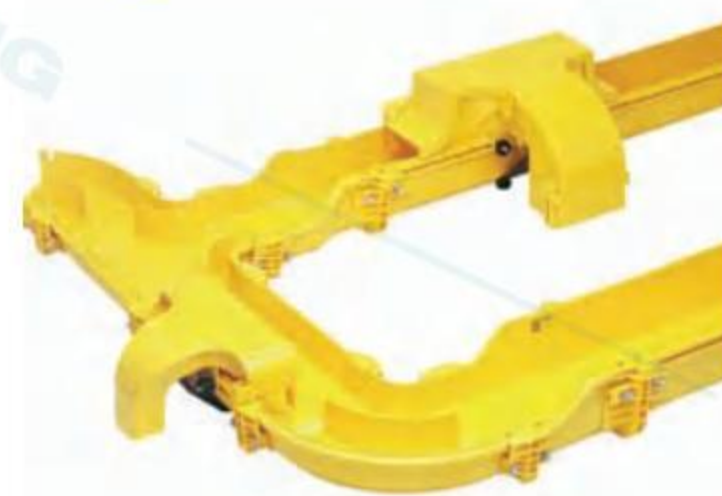
8 Splitters & WDMS



6 Distribution Boxes



7 Cable Trays







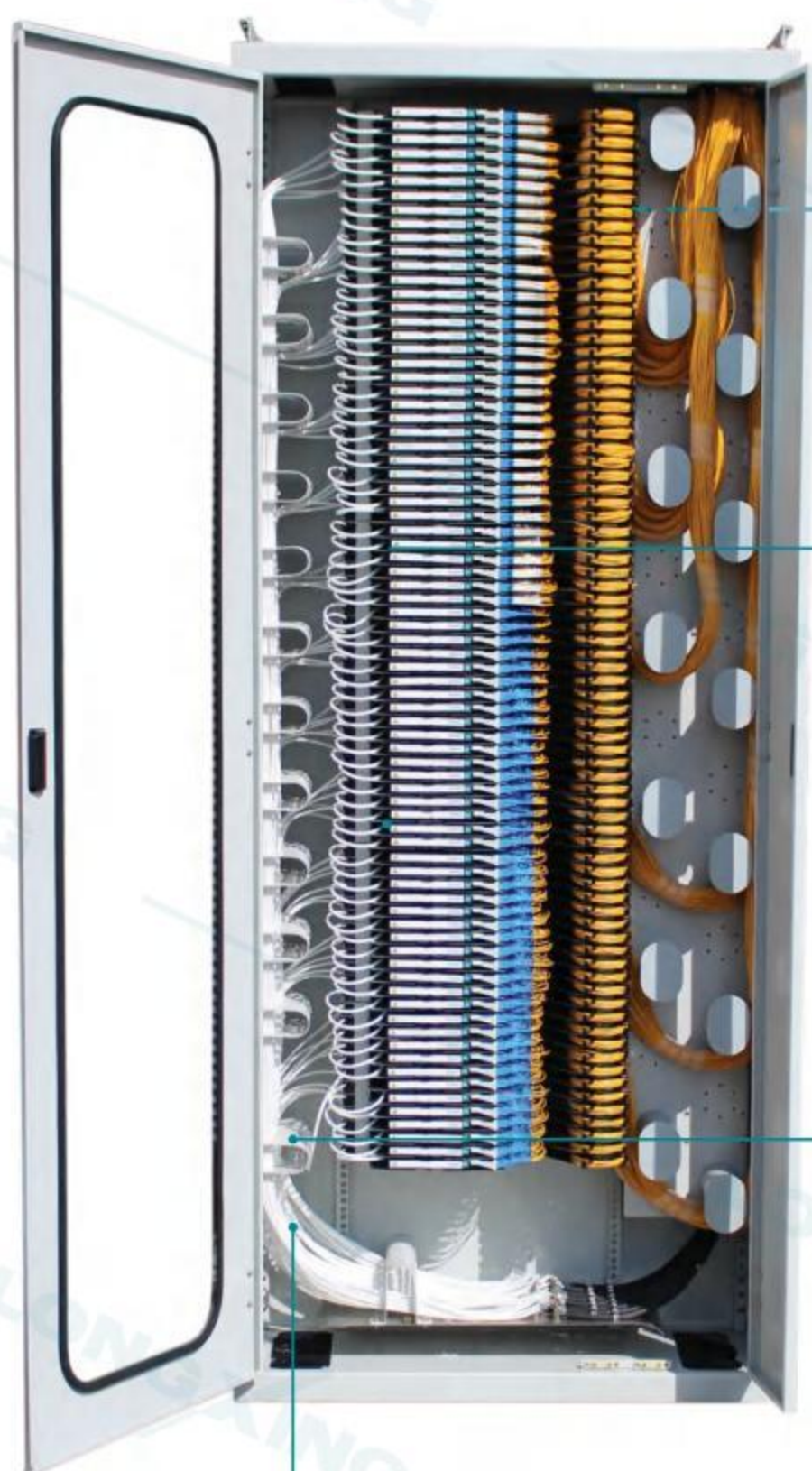
# Optical Fiber Distribution Frames (ODF)

- LongXing offers wide range of High Density Optical Fiber Distribution Frames which are ideal for using at the IDCs and the central offices.
- These ODFs are used to provide efficient cable connections between communication facilities. LongXing's ODFs integrate fiber splicing, storage, and cable connections together in a single unit.



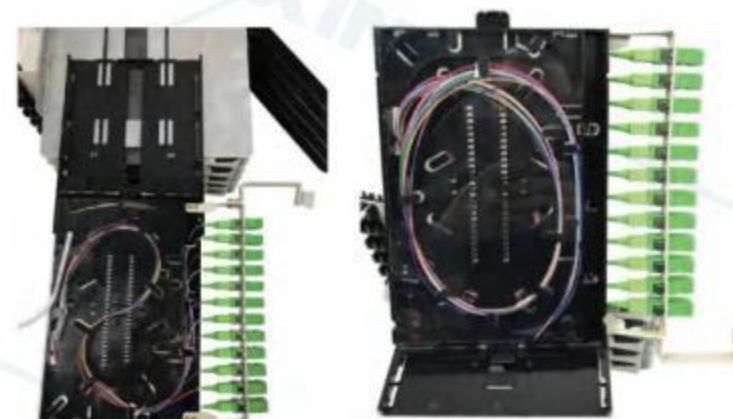
Scan for more details





#### Rack Mount Patch Panel ODU-L21

Ultimate new design with the most advanced splice & patch system and cable management



Storage Side

Splice Side

#### Double Sided Module System

Enable high density splice and patching up to 24 cores for LC duplex adapter (flangeless), 12 cores for SC simplex adapter (flangeless).



#### Incoming Cable Management

Special guiding slots ensure secure and flexible guidance of the fiber protection tubes to the splice modules.



#### Miniflex™ Tubes

Miniflex™ Protection Tube is a flexible tube made from tough polymers to protect optical fibers or lightweight optical fiber units.

## GPX82-10

### Features

- Highly stable and rigid construction.
- Standard 19" & ETSI installations.
- Designed to be used together with high density side access type patch panels.
- Maximum fiber density of 2016 ports (splice & patch) and superior cable management.
- Special cable glands to fix the maximum number of bundle cables on the ground.
- Slot type cable guide compartments to feed the modules via miniflex tubes.
- No crushed or stressed fibers.
- Wide range of splice, patch and cable storage options.
- Bend radius protection of 35 mm throughout entire frame and all modules.
- Max cable protection.
- Interchangeable cassettes for various cable/tube counts and connector styles.
- Accepts WDM and splitter cassettes.
- Integral patch cords management.

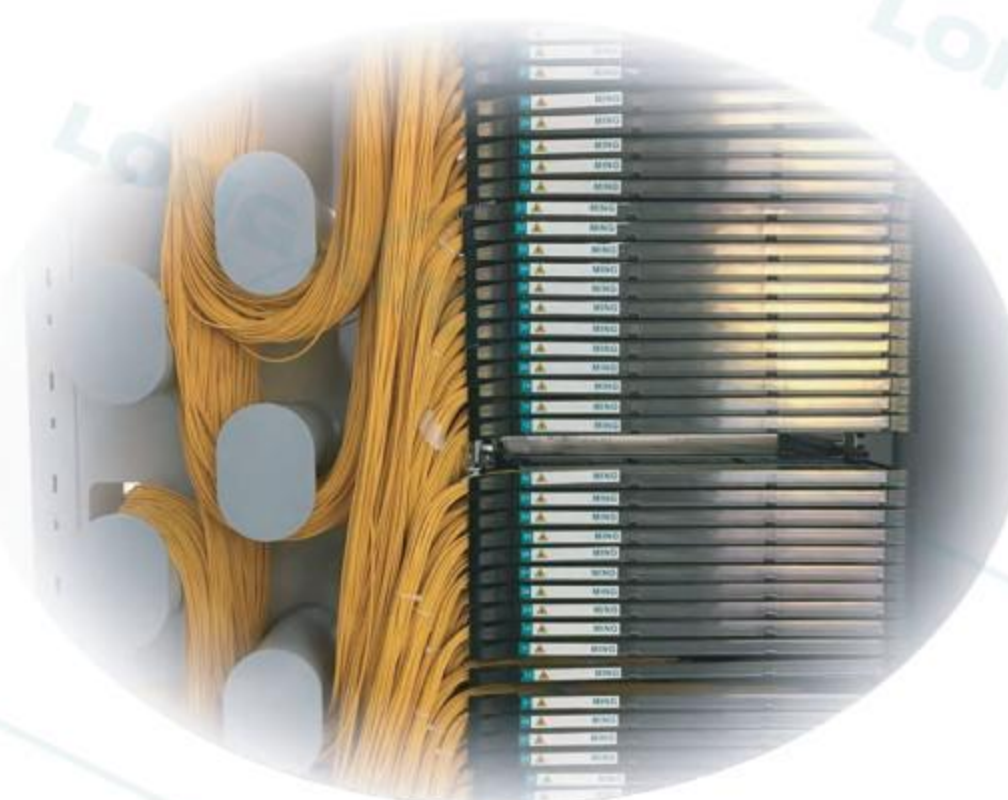
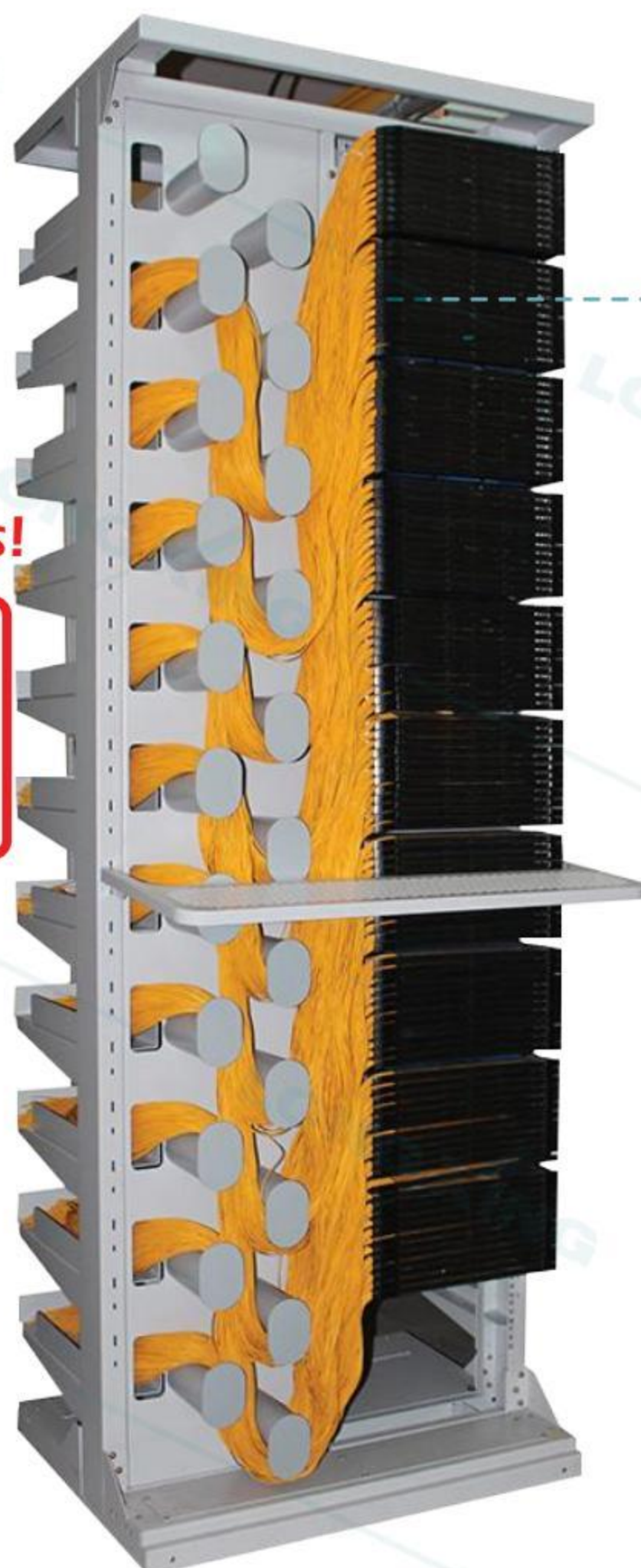
	Dimensions(H*W*D)mm	Max Capacity(SC)	Max Capacity(LC)	Patch Panels with Regular Rail		
GPX82-10	2200*900*300	1008	2016	Model	SC	LC
				3U	72	144



# 06 GPX82-9-1

Up to 4752 Cores!

MAYBE THE  
HIGHEST DENSITY  
ODF IN THE WORLD



Series H

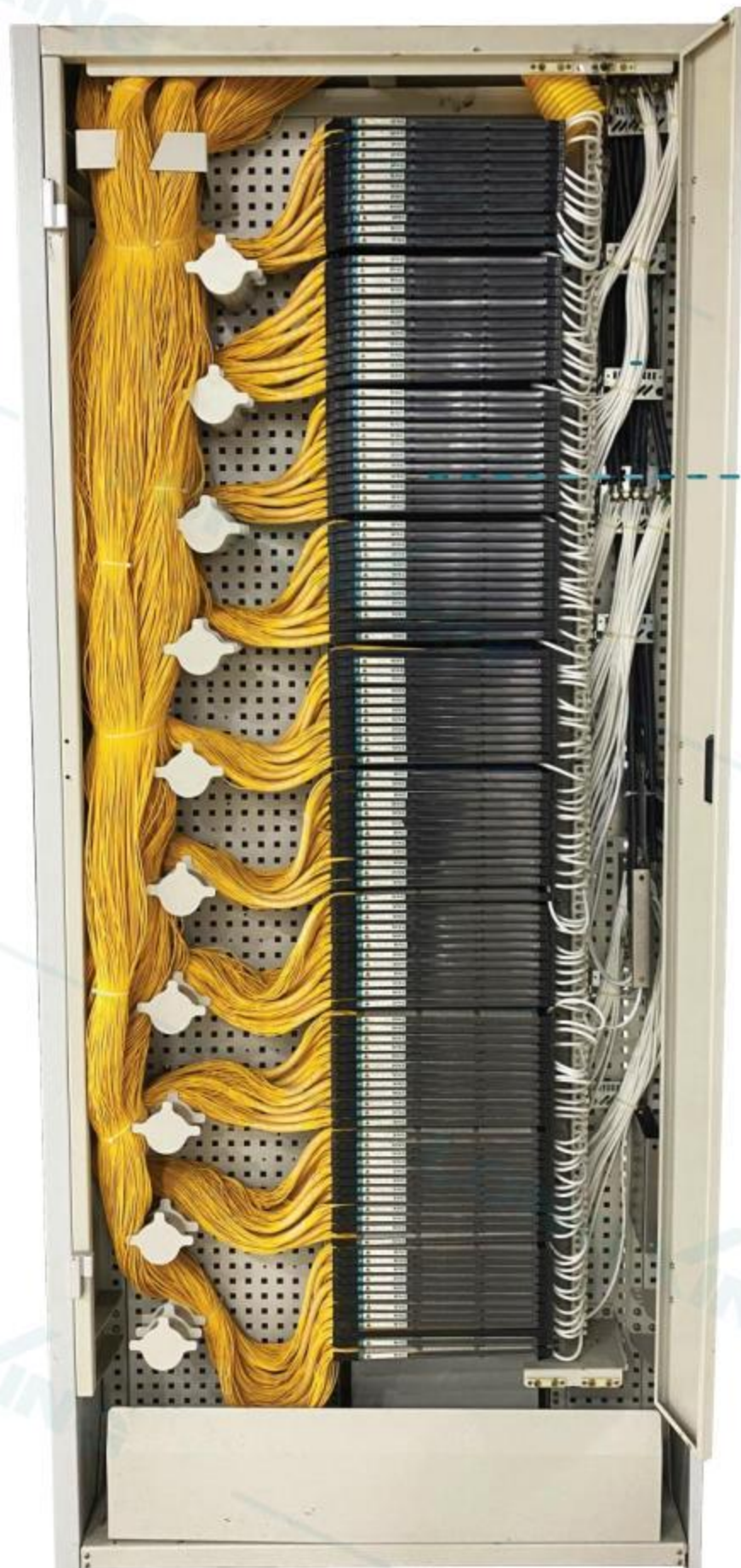
## GPX82-9-1

### Features

- Supports up to 4752 LC or 3168 SC ports per frame: Saves space through increased port density.
- Front or rear cable access options available.
- Modular design: Enables one rack for many application spaces e.g. central office, headend, FTTx and data center.
- Increased patch cord routing space: Supports standard 1.6 and 2.0 mm patch cords.

	Dimensions(H*W*D)mm	Max Capacity(SC)	Max Capacity(LC)	Patch Panels with Regular Rail		
GPX82-9-1	2200*760*610	3168	4752	Model	SC	LC
				1U	72	108
				2U	144	216
				4U	288	432





Series H

## GPX82-9-2

### Features

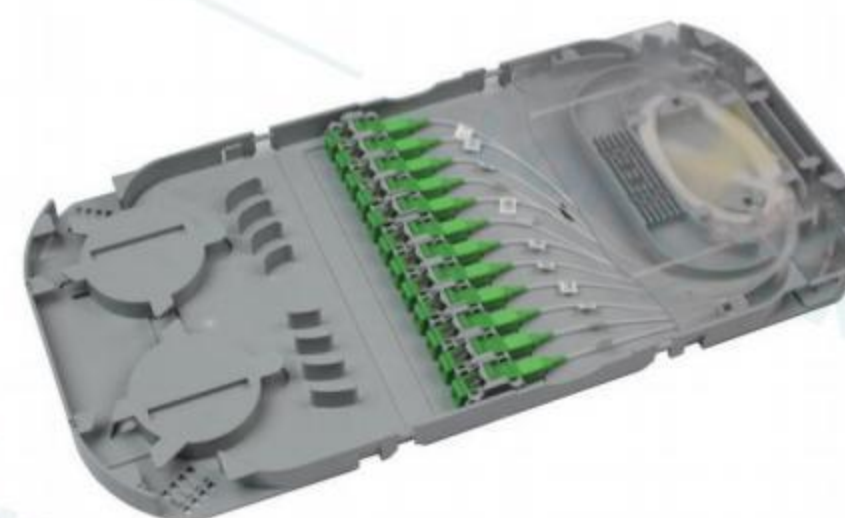
- Supports up to 4320 LC or 2880 SC ports per frame.
- Front or rear cable access options available.
- Modular design: Enables one rack for many application spaces e.g. central office, headend, FTTx and data center.
- Increased patch cord routing space: Supports standard 1.6 and 2.0 mm patch cords.

GPX82-9-2	Dimensions(H*W*D)mm	Max Capacity(SC)	Max Capacity(LC)	Patch Panels with Regular Rail		
				Model	SC	LC
				1U	72	108
				2U	144	216
				4U	288	432



08

## GPX82-5



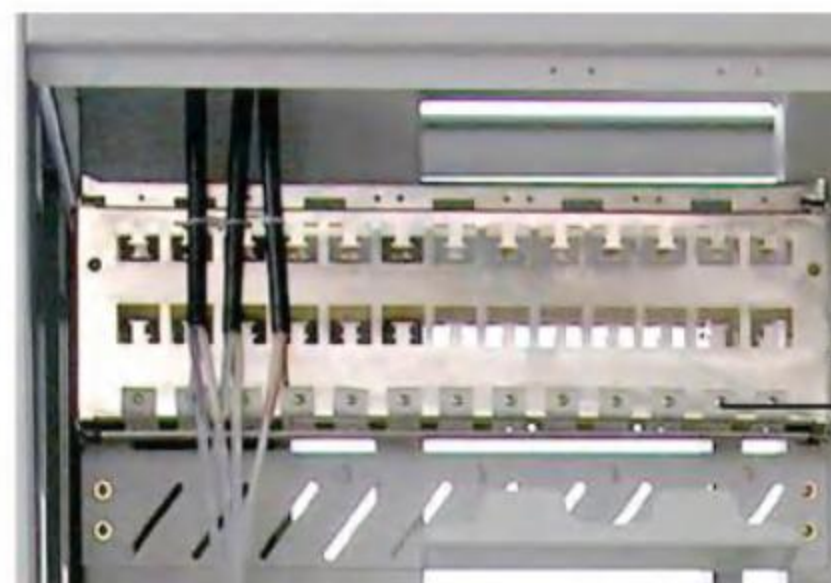
### GPX82-5

#### Features

- There are 19" or ETSI mounting rails in the middle of the frame for installing ODFs.
- Available colors: white, black, grey or any other colors on request.
- All the plastic elements in the frame are fire-resistant meet UL94-V0.
- Reliable cable fixture cover and earth protection device/ grounding system provided.
- Enough space for fiber distribution and storage space and very easy for installation and operation.
- Fully front operation, convenient for maintenances.
- Minimum bend radius is controlled of 30mm.
- Cable guides mounted on left and right side of canal are removable and relocatable to different positions within the same vertical line, to ensure a minimum bend radius of 30mm for the patch cords from any ODFs.
- There are two lateral canals with separate doors (on left and right side of the frame) for distribution and management of fiber optical cables.
- The side-hinged doors help to well protect the patch cords distribution area.
- The optical cable inlet system is installed on the top or bottom of the frame which has excellent performances for fixing the incoming cables.
- Cables can be entered to the frame either from top or the bottom of the frame subject to different requirements.
- This Frame is suitable for both bundle (loose) cables and ribbon type cables.

	Dimensions(H*W*D)mm	Capacity (SC)	Capacity (LC)	ODU-L10-4U
GPX82-5	2200*900*300	864	1728	Max. 9 units





## GPX09S

### Features

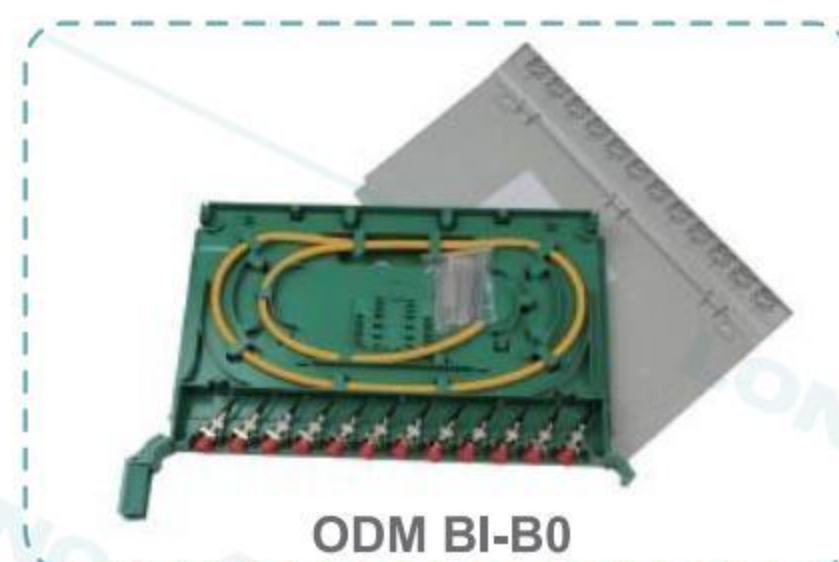
- The frame is not only indoor terminal, but also double-sided optical fiber and pigtail equipment, contains the functions of optical fiber terminal distribution, transfer and storage, with the advantage of big capacity, convenient for both operation and maintenance, as well as plays a major role in optical fiber protection.
- Double-sided operation: Line modules at front side are used to outside cable fixing, stripping, splice and terminal; Row modules at back side are used to terminal equipments' pigtails and patch cords, left side fixing equipments' pigtails, as well as right side fiber-winding shaft.
- Line: SC or FC 12 cores adapter is installed on the drawer-type 12 cores integrated tray, and the tray is installed on the tray rack mount; Row: SC or FC 12 cores adapter is installed on the revolving 12 cores integrated tray, and the tray is installed in the 72 cores unit cabinet.
- Cables and fibers can be inlet from the top of the frame through separate entrances. Cable (fiber) entrances are protected by cable-protected ribbon and contain enough space for fiber passing.
- Multilayer horizontal fiber trays are installed on the row modules of the frame, convenient for frames combining.

	Dimensions(H*W*D)mm	Quantity of Line Module Tray	Quantity of Row Module Unit	Max Capacity
GPX09S	2000*840*600	48	5	1152
	2200*840*600	60	6	1440
	2600*840*600	72	7	1728



# 10

## GPX09T



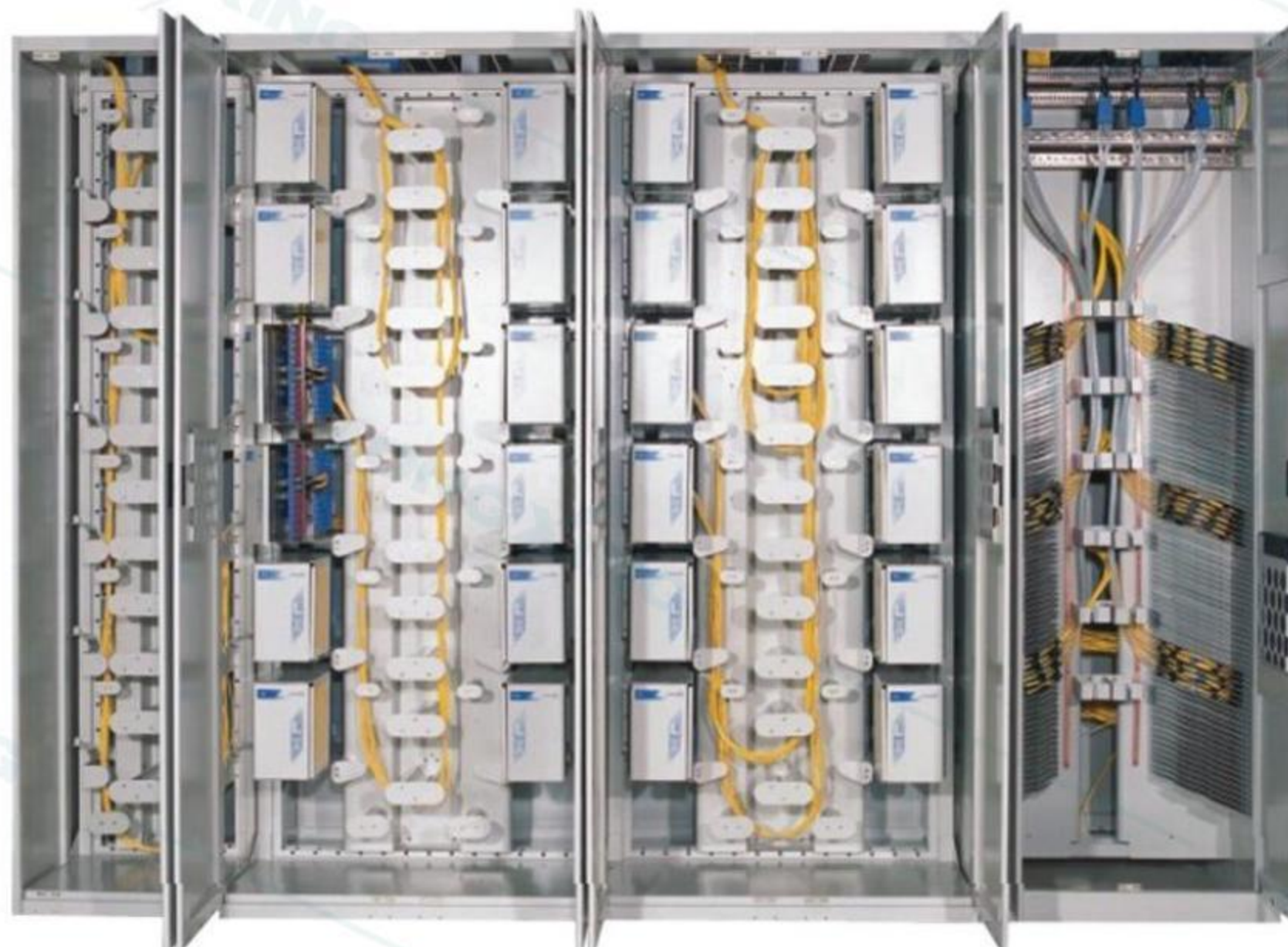
### GPX09T

#### Features

- The indoor frame contains the functions of optical fiber terminal, distribution, transfer and storage, with the advantage of big capacity, convenient for operation, as well as plays a major role in optical cable communications.
- Fully front operation.
- Adapters are installed on the 12 cores splice and distribution integrated tray , as well as the tray is installed on the tray rack mount. (Capacity subjects to different requirements).
- Cable and pigtail can be inlet from the top of the frame. Cable (fiber) inlet hole is protected by cable-protected belt and contains enough space for fiber crossing.
- Both left and right sides of the frame are embedded removable structure, as well as the side rack should be removed when frames combine.

	Dimensions(H*W*D)mm	Quantity of 12 Cores Integrated Trays	Full Capacity (without Splitter Tray)
GPX09T	2000*840*300	48	576
	2200*840*300	54	648
	2600*840*300	72	864





## GPX82-6B

### Features

- The combination consists of basic frame, expansion frame, integrated splice frame and fiber storage frame (custom combinations available).
- Hierarchical structure with the advantages of good performance of installation, maintenance and operational efficiency.
- This frame is suitable for large-capacity fiber optic into the client side management and business development needs.
- Modular design.
- Integrated splice frame comprises cable inlet systems (which provide strong fixing units for outdoor cables), large amount of splice tray slots (both left and right sides).
- Optical distribution frame is comprised of optical distribution module, fiber splice tray module, rear horizontal fiber support groove.
- Fiber storage frame contains fiber winding shaft and rear horizontal fiber support groove.
- The rear horizontal fiber support grooves of optical distribution frame and fiber storage frame connect directly. The rear horizontal fiber support grooves connect between distribution frame and splice frame through the eyelet on the right of splice frame.
- The distribution modules have the options of 72 cores and 96 core modules.
- At the back of each optical distribution frame, opposite to the two fiber distribution modules at left and right of frame front, a fiber support channel is equipped to facilitate fiber jumping between units, as well as the direct jumping between frames without passing frame top. Common optical distribution frame does not have such advantage.
- According to customers' needs, fiber support channel is provided for both single-layered structure and double-layered structure.
- Enough space for fiber support channel, convenient for maintenances and operations.
- According to customers' needs, optic cable inlet device is provided for both single-layered structure and double-layered structure.

	Dimensions(H*W*D)mm	Description	Capacity
GPX82-6B	2200*480*700	Fiber Storage Frame	/
	2200*720*700	Integrated Splice Frame	12 Cores/Tray, 144 Trays/Frame
	2200*900*700	Basic Distribution Frame	72 Cores/Unit, 864 Cores (12 Units)/Frame
	2200*900*700	Expansion Distribution Frame	72 Cores/Unit, 864 Cores (12 Units)/Frame



# 12

## GPX82-2



### GPX82-2

#### Features

- Fully-closed structure with the advantages of good performance of dust-proof, pleasing and neat appearance.
- Enough space for fiber distribution and storage space and very easy for installation and operations.
- Fully front operation, convenient for maintenances.
- Cable inlet system is installed on the top of the frame which has excellent performances for fixing the cables.
- Cables can be inlet either from the top or the bottom of the frame subject to different requirements.
- This frame is suitable for both common bundle cables and ribbon type cables.
- Reliable cable fixture cover and earth protection device provided.
- Integrated splice and distribution unit is adopted. Each unit holds up to 12 FC adapters and up to 24 SC/LC adapters. All units have specially designed slots and can be easily pulled out for operation at any time.
- Fiber separation hook of the splice and distribution module (the hook on the left) can be disassembled to fit for both wide and narrow structure frame.
- Up to 6 units make up a module.
- Work table is provided if one module contains 6 units. Longxing's Dual SC adapters could double the capacity of Splice and distribution units' capacities to max 24FO each.
- All adapters are installed 30 degrees inclining to the operation surface which is easier for connecting and also protect installers' eyes from the lights.
- No screw needed for installing adapters.
- Curvature radius of 40mm.

	Dimensions(H*W*D)mm	Modules	Max Capacity (FC/SC)	Max Capacity (LC)
GPX82-2	2000*840*300	7	504	1008
	2200*840*300	8	576	1152
	2600*840*300	10	720	1440





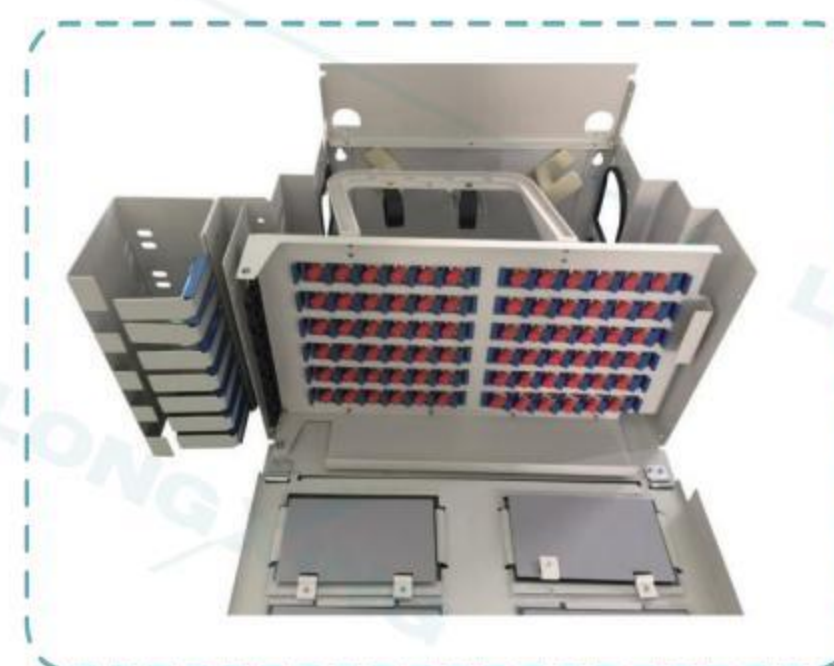
## GPX82-4

### Features

- Fully-closed structure with the advantages of good performance of dust-proof, pleasing and neat appearance.
- Enough space for fiber distribution and storage space and very easy for installation and operations.
- Fully front operation, convenient for maintenances.
- Curvature radius of 40 mm.
- Cable inlet system is installed on the top of the frame which has excellent performances for fixing the cables.
- Cables can be inlet either from the top or the bottom of the frame subject to different requirements.
- This frame is suitable for both common bundle cables and ribbon type cables.
- Reliable cable fixture cover and earth protection device provided.
- Integrated splice and distribution unit is adopted. Each unit holds up to 12 FC adapters and up to 24 SC/LC adapters. All units have specially designed slots and can be easily pulled out for operation at any time.
- Fiber separation hook of the splice and distribution module (the hook on the left) can be disassembled to fit for both wide and narrow structure frame.
- Every 6 units make up a module. Longxing's dual SC adapters could double the capacity of Splice and distribution units' capacities to max 24FO each.
- All adapters are installed 30 degrees inclining to the operation surface which is easier for connecting and also protect installers' eyes from the lights.
- No screw needed for installing adapters.

	Dimensions(H*W*D)mm	Modules	Max Capacity (FC)	Max Capacity (LC/SC)
GPX82-4	2000*840*300	7	504	1008
	2200*840*300	8	576	1152
	2600*840*300	10	720	1440





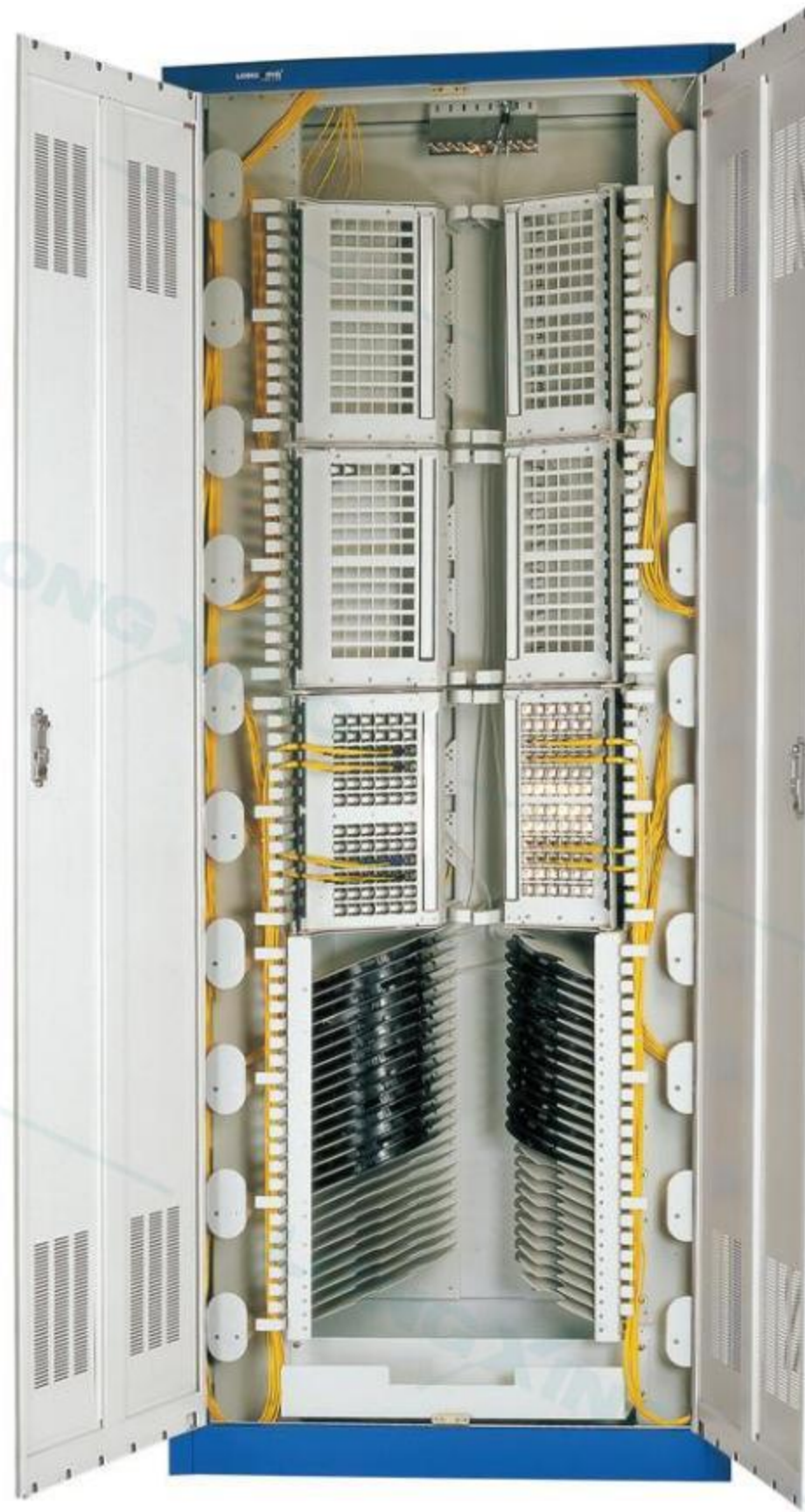
## GPX82-1-1

### Features

- This frame is made of top quality steel and treated with galvanizing, oxidation and electrostatic plastic spraying.
- Fully-closed structure with the advantages of good performance of dust-proof, pleasing and neat appearance.
- Modular design: modular patch panel, fiber storing module and splice module are provided.
- Big capacity: 72cores/unit, 576cores (8 units)/frame.
- Optical cable can be entered/ exited from the front so as to make operation and maintenance more convenient.
- Incoming optical cable fixing units are provided.
- Two types of frames
  - Fully front operation
  - Both front side and back side operation.
- Accommodates SC, FC and LC/duplex adapters.
- No screws need for installing any type adapters (using 6-position adapter slots).
- Fiber guides are equipped to facilitate rewinding patch cords.
- Reliable earth protection device provided.

	Dimensions(H*W*D)mm	Dimensions (H*W*D)mm	Capacity (cores)
GPX82-1-1	Fully front operation	2000*840*300	288
		2200*840*300	432
		2600*840*300	576
	Both front side and back side operation	2000*600*300	144
		2200*600*300	216
		2600*600*300	288





## GPX82-1-2

### Features

- This frame is made of top quality steel and treated with galvanizing, oxidation and electrostatic plastic spraying. The frame has solid structure and pleasing appearance.
- Fully-closed structure with the advantages of good performance of dust-proof, pleasing and neat appearance.
- Enough space for fiber distribution and storage space and very easy for installation and operations.
- Fully front operation, convenient for maintenances.
- Splice and distribution are separated and spread uniformly on the top and bottom sides of the frame. Compact structure and distinct layer for convenient management.
- Frisbee style (UFO style) splice tray is adopted; up to 48 trays can be hold in one frame.
- Curvature radius of 40mm.
- This frame is suitable for both common bundle cables and ribbon type cables.
- Reliable cable fixture cover and earth protection device provided.

	Dimensions(H*W*D)mm	Capacity (SC)	Capacity (LC)
GPX82-1-2	2000*600*300	2	144
	2200*600*300	3	216
	2600*600*300	4	288
	2000*900*300	4	288
	2200*900*300	6	432
	2600*900*300	8	576



# 16

## GPX09R



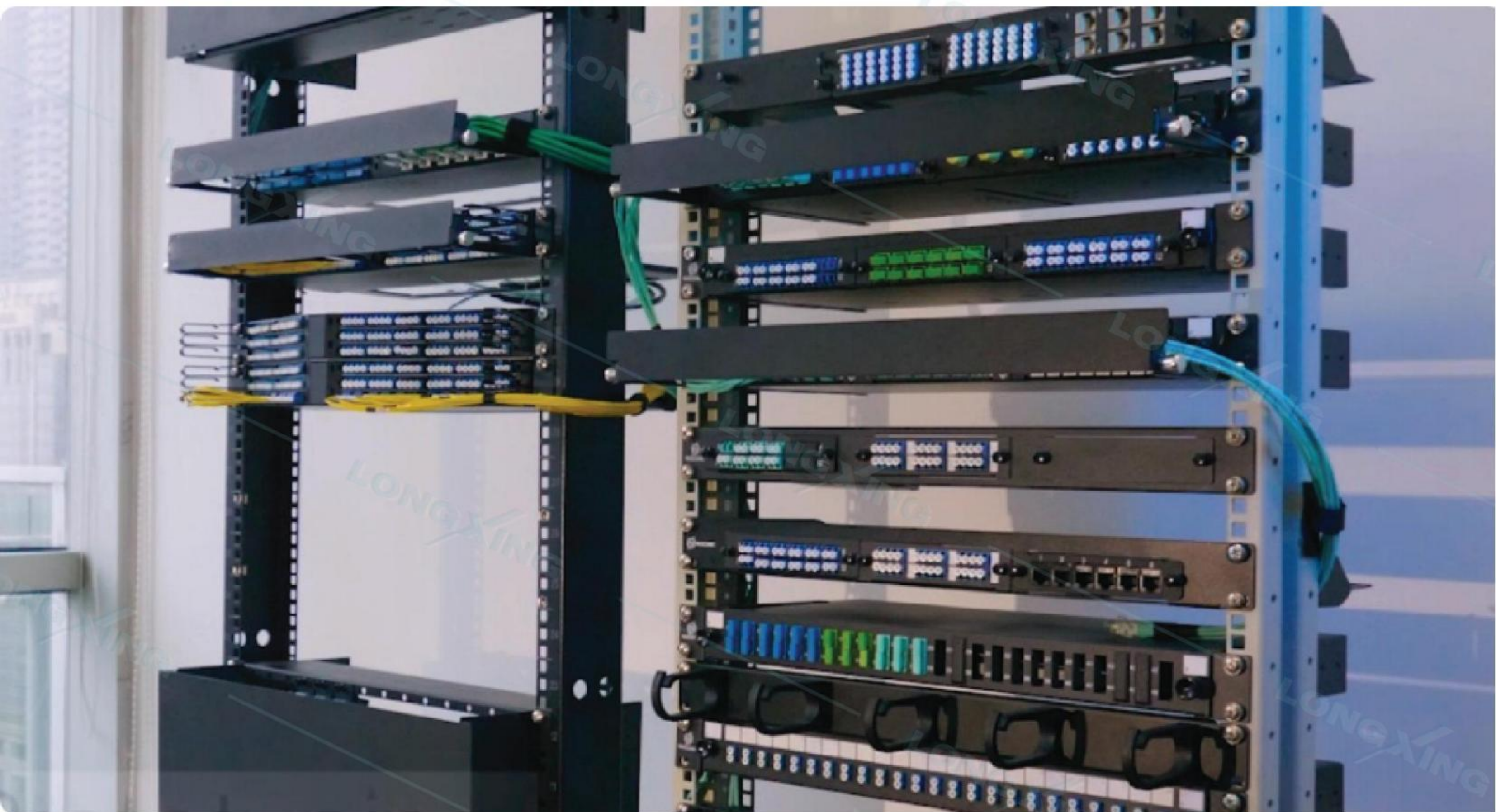
### GPX09R

#### Features

- This frame is made of top quality steel and treated with galvanizing, oxidation and electrostatic plastic spraying.
- The frame has solid structure and pleasing appearance.
- Fully-closed structure with the advantages of good performance of dust-proof, pleasing and neat appearance.
- Cable fixing unit is installed on the top of the frame which has excellent performances for fixing the cables.
- Fully front operation, convenient for maintenances.
- Modular design of 144F splicing units is adopted. Each unit holds up to 12 pcs of 12F splice trays.

	Dimensions(H*W*D)mm	Capacity(Core / Unit)	Max Unit	Max Capacity
GPX09R	2000*840*300	144	10	1440
	2200*840*300		12	1728
	2600*840*300		16	2304





# Patch Panels

Longxing fiber optics patch panels are used to organize and manage fiber optic cables in a telecommunications network. They provide centralized points for termination, splice, storage and distribution of optical fibers. They typically consist of a metal frame with several adapter ports, where the fiber optic cables are terminated and connected. The ports are usually numbered or color-coded for easy identification and labeling.



Scan for more details





# 18 Patch Panel

## ODU-L28

### Features

- Top quality steel with electrostatic painted ensures the strong body and pleasing appearance.
- For standard 19" racks use (other rack width options available on request).
- Rack mount brackets work with most network cabinets.
- Sliding type for easy installation.
- Removable front door with designation labels.
- Protected patch panel offers secure environment for adapters, patch cords and pigtails.
- Dimension and mounting brackets are customized to fit inside existing passive racks dimension supplied by Ericsson and Huawei
- Both mini-type and cassette type splitters are upon request.
- Cable guides and managements are provided for easy and neat cable routing.



	Height	Depth (mm)	Width	Quantity of Splitters	Splitter Type
ODU-L28	1U	250	19"/21"/23"	8	1:2 mini-type splitter with LC/APC connectors
	1U	250	19"/21"/23"	8	1:4 mini-type splitter with LC/APC connectors
	1U	250	19"/21"/23"	2	2:16 mini-type splitter with LC/APC connectors
	1U	250	19"/21"/23"	1	2:32 cassette splitter with LC/APC connectors
	2U	290	19"/21"/23"	1	2:64 cassette splitter with LC/APC connectors

## ODU-L29

### Features

- Top quality steel with electrostatic painted ensures the strong body and pleasing appearance.
- Easy installations: 19", 21" and 23" rack mounting.
- Easy operations: Drawer-type.
- No screw required.
- Separate board designed for smooth sliding without rail and pulley.
- Top cover is removable.
- Protected patch panel offers secure environment for adapters, patch cords and pigtails.
- Height: 1U, depends on capacity and adapter type chosen.
- Adoptable adapter types: SC, LC.
- Adapter Panel adopted for easy operation. Cable fixing units provided.
- Optional parts: Splice trays, fiber management guides.



	Dimension (mm)			Capacity	
	Height	Depth	Width	SC	LC Duplex
ODU-L29	1U	178	19"/21"/23"	24	48



## ODU-L31

### Features

- Top quality steel with electrostatic painted ensures the strong body and pleasing appearance.
- For standard 19", 21" and 23" racks use (other rack width options available on request).
- Fully stable patch panel, no risk of movement.
- Easy operations: Rotate style.
- Cable can be entered from rear; patch cords go out from left front.
- Total front access for users.
- LongXing adapter panels are used for quick and easy adapter installations.
- Protected patch panel offers secure environment for adapters, patch cords and pigtails.
- High Density, see the capacity chart below.
- Adoptable adapter types: FC, SC simplex adapters and LC duplex adapters.



	Height	Depth (mm)	Width	Capacity (Cores)		
				FC	SC	LC
ODU-L31	1U	240	19"/21"/23"	24	24	48
	2U	240	19"/21"/23"	48	48	96
	3U	240	19"/21"/23"	72	72	144

## ODU-L40

### Features

- Top quality steel with electrostatic painted ensures strong body and pleasing appearance.
- Easy installations: 19" rack mounting.
- Easy operations: Drawer style with sliding rails.
- Cable inlet system provided in the rear side.
- Fiber storage availability in the back to ensure smooth sliding mechanism.
- Many holes provided for the position flexibility of splice tray and management spools.
- Two big cutouts reserved beside adapters for easier installation.
- Removable front adapter plates with designation labels.



	Height	Depth (mm)	Width	Capacity	
				FC/SC	LC Duplex
ODU-L40	1U	320	19"/21"/23"	24	48
	2U	320	19"/21"/23"	48	96



# 20 Patch Panel

## ODU-L41

### Features

- Top quality steel with electrostatic painted ensures the strong body and pleasing appearance.
- Easy installation: 19", 21"(ETSI), rack mounting.
- For standard 19", 21" and 23" racks use (other rack width options available on request).
- Easy operations: Rotate style.
- 90 degrees rotated front door with designation labels (options available on request).
- One big cutouts reserved beside adapters for easier installation.
- Cable can be entered from side; patch cords go out from right front through the cable holder.
- Metal plate can be rotate up to 180 degree for ease of installation and maintenance.
- Total front access for users.
- LongXing adapter panels are used for quick and easy adapter installations.
- Protected patch panel offers secure environment for adapters, patch cords and pigtails.
- Adoptable adapter types: FC, SC, ST simplex adapters and LC duplex adapters.
- Transparent top cover provided for each trays.



	Height	Depth (mm)	Width	Capacity
ODU-L41	3U	266.5	19"/21"/23"	144 for SC or LC

## ODU-L46

### Features

- Indoor use.
- Durable, polycarbonate-tinted front door for viewing pigtails.
- Ideal for pigtail splicing.
- Translucent top covers (1U, 2U).
- Visibility and ease of access for installation, testing, and troubleshooting.
- Internal and external strain-relief options.
- Cassette type make it flexible for installation and moves, adds, and changes.
- Adaptable to use as a modular splice housing.
- Splices are stored and protected in same footprint.
- Front access slidable.



	Height	Depth (mm)	Width (mm)	Capacity (SC)	Cassette Quantity
ODU-L46	1U	437	486	24	2
	2U	437	486	48	4



## ODU-L1

### Features

- Top quality steel with electrostatic painted ensures the strong body and pleasing appearance.
- Easy installation: 19", 21" and 23" rack mounting.
- For standard 19", 21" and 23" racks use (other rack width options available on request).
- Front rack mount brackets work with most network cabinets.
- Easy operations: Drawer-type.
- Removable front door with designation labels.
- Vertical cable guides on exit side allow for managed routing and protection of the fiber exiting the panel.
- Multi-functions – Works with all LongXing Series A modules<sup>1</sup> (not just for splicing & terminating, also with options for splitters or fiber storage).
- Protected patch panel offers secure environment for adapters, patch cords and pigtails.
- Adoptable adapter types: FC, SC, ST simplex adapters and LC duplex adapters .



	Dimension (mm)			Capacity				
				Module A1			Module A3	
	Height	Depth	Width	Capacity		Module Quantity	Capacity	Module Quantity
				FC/SC/ST	LC Duplex		FC/SC	
ODU-L1	2U	250	19"/21"/23"	24	48	2	48	2
	3U	250	19"/21"/23"	48	96	4	96	4
	4U	250	19"/21"/23"	72	144	6	144	6
	5U	250	19"/21"/23"	96	192	8	192	8

## ODU-L2

### Features

- Top quality steel with electrostatic painted ensures the strong body and pleasing appearance.
- Easy installation: 19", 21" and 23" rack mounting.
- Front rack mount brackets work with most network cabinets.
- Removable front door with designation labels.
- Integrated splicing, distribution with fiber storage.
- Vertical cable guides on exit side allow for managed routing and protection of the fiber exiting the panel.
- Multi-functions - Works with all LongXing Series A modules<sup>1</sup> (not just for splicing & terminating, also with options for splitters or fiber storage).
- Protected patch panel offers secure environment for adapters, patch cords and pigtails.
- Adoptable adapter types: FC, SC, ST simplex adapters and LC duplex adapters .



	Dimension (mm)			Capacity				
				Module A1			Module A3	
	Height	Depth	Width	Capacity		Module Quantity	Capacity	Module Quantity
				FC/SC/ST	LC Duplex		FC/SC	
ODU-L2	4U	250	19"/21"/23"	12	24	1	24	1
				24	48	2	48	2
	5U	250	19"/21"/23"	36	72	3	72	3
				48	96	4	96	4



# 22 Patch Panel

## ODU-L3

### Features

- Top quality steel with electrostatic painted ensures the strong body and pleasing appearance.
- Easy installations: 19", 21" and 23" rack mounting.
- Front rack mount brackets work most network cabinets.
- Easy to maintain and extend.
- Removable front door with designation labels.
- Function of fiber storage.
- Fully stable patch panel, no risk of movement.
- Vertical cable guides on exit side allow for managed routing and protection of the fiber exiting the panel.



	Dimension (mm)			Capacity
	Height	Depth	Width	
ODU-L3	4U	250	19"/21"/23"	144

## ODU-L4

### Features

- Removable front door with designation labels.
- Top quality steel with cover by electrostatic painted ensures the strong body and pleasing appearance.
- Easy operations: Drawer-type.
- Easy installations: 19", 21" and 23" rack mounting.
- For standard 19", 21" and 23" racks use (other rack width options available on request).
- Fully stable patch panel, no risk of movement.
- Multi-functions - Works with all LongXing Series A modules (not just for splicing & terminating, also with options for splitters or fiber storage).
- Protected patch panel offers secure environment for adapters, patch cords and pigtails.
- Adoptable adapter types: FC, SC, ST simplex adapters and LC duplex adapters.



	Dimension (mm)			Capacity				
				Module A1			Module A3	
	Height	Depth	Width	Capacity		Module Quantity	Capacity	Module Quantity
				FC/SC/ST	LC Duplex		FC/SC	Module Quantity
ODU-L4	1U	300	19"/21"/23"	12	24	1	24	1
	2U	300	19"/21"/23"	24	48	2	48	2
	3U	300	19"/21"/23"	36	72	3	72	3
				48	96	4	96	4
	4U	300	19"/21"/23"	60	120	5	120	5
				72	144	6	144	6



## ODU-L5

### Features

- Top quality steel with electrostatic painted ensures the strong body and pleasing appearance.
- For stand 19", 21" and 23" racks use (other rack width options available on request).
- Fully stable patch panel, no risk of movement.
- Easy operations: Rotate style.
- Cable can be entered on both left and right sides.
- Total front access for users.
- LongXing adapter panels are used for quick and easy adapter installations.
- Removable front door with designation labels.
- Protected patch panel offers secure environment for adapters, patch cords and pigtails.
- High Density, see the capacity chart below.
- Adoptable adapter types: FC, SC, ST simplex adapters and LC duplex adapters.



	Dimension (mm)			Capacity	
	Height	Depth	Width	FC/SC/ST	LC Duplex
ODU-L5	1U	300	19"/21"/23"	12	24
				24	48
	2U	300	19"/21"/23"	36	72
				48	96
	3U	300	19"/21"/23"	60	120
				72	144
	4U	300	19"/21"/23"	84	168
				96	192

## ODU-L6

### Features

- Minimum bend radius controlled.
- Top quality steel with electrostatic painted ensures the strong body and pleasing appearance.
- Fit for 19", 21" and 23" ODF rack.
- Protected patch panel offers secure environment for adapters, patch cords and pigtails.
- Fully stable patch panel, no risk of movement.
- Adoptable adapter types: FC, SC and LC duplex adapters.
- Adapter Panel adopted for easy operation.



	Dimension (mm)			Capacity	
	Height	Depth	Width	FC/SC/ST	LC Duplex
ODU-L6	1U	280	19"/21"/23"	24	48
	2U	280	19"/21"/23"	48	96



# 24 Patch Panel

## ODU-L7

### Features

- Removable front-top cover for easier operations.
- Top quality steel with electrostatic painted ensures the strong body and pleasing appearance.
- Easy installations: 19", 21" and 23" rack mounting.
- Easy operations: Drawer-type.
- Fully stable patch panel, no risk of movement.
- Protected patch panel offers secure environment for adapters, patch cords and pigtails.
- Height: 1U-2U, depends on capacity and adapter type chosen.



	Dimension (mm)			Capacity	
	Height	Depth	Width	FC/SC/ST	LC Duplex
ODU-L7	1U	280	19"/21"/23"	16	16
				24	24
	2U	280	19"/21"/23"	32	32
				48	48

## ODU-L8

### Features

- 2nd Generation: Open design of cable exits for easier access and maintenance.
- Top quality steel with electrostatic painted ensures the strong body and pleasing appearance.
- Easy installations: 19", 21" and 23" rack mounting.
- Easy operations: Drawer style.
- Cable inlet system provided on the rear side which has excellent performances for fixing outdoor cables.
- Fully stable patch panel, no risk of movement.
- Adoptable adapter types: FC, SC and LC.
- Options of splice trays & fiber management guides.
- Protected patch panel offers secure environment for adapters, patch cords and pigtails.



	Dimension (mm)			Capacity	
	Height	Depth	Width	FC/SC/ST	LC Duplex
ODU-L8	1U	300	19"/21"/23"	24	48
	2U	300	19"/21"/23"	48	96
	3U	300	19"/21"/23"	72	144
	4U	300	19"/21"/23"	96	192



## ODU-L9

### Features

- Top quality steel with electrostatic painted ensures the strong body and pleasing appearance.
- Easy installations: 19", 21" and 23" rack mounting.
- Easy operations: Drawer-type.
- Fully stable patch panel, no risk of movement.
- Protected patch panel offers secure environment for for adapters, patch cords and pigtails.
- Height: 1U, depends on capacity and adapter type chosen.
- Adoptable adapter types: FC, SC, ST and LC.
- Adapter Panel adopted for easy operation. Cable fixing units provided.
- Optional parts: splice trays, fiber management guides.



	Dimension (mm)			Capacity	
	Height	Depth	Width	FC/SC/ST	LC Duplex
ODU-L9	1U	260	19"/21"/23"	48	60

## ODU-L10

### Features

- Removable trays for easy upgrade (each tray can hold SC simplex or LC duplex adapters)
- Splice & Patch Tray or Patch & Patch Tray Available.
- External cable can be entered through two lateral (left and right) access – total front access for users.
- All fber management accessories ensures a minimum curvature radius of 30mm.
- Multi-functions – Works with LongXing Series modules G (not just for splicing & terminating, also with options for splitters or fber storage).
- Front door can be selected push button or key lock; allow easy access to the splicing and connectorization trays.
- Splice and connectorization tray allows entry and organization of patch cords up to 0.9mm in diameter.



	Height	Depth (mm)	Width	Capacity	
				SC	LC Duplex
ODU-L10	1U	280	19"/21"/23"	24	48
	2U	280	19"/21"/23"	48	96
	3U	280	19"/21"/23"	72	144
	4U	280	19"/21"/23"	96	192



# 26 Patch Panel

## ODU-L11

### Features

- Top quality steel with electrostatic painted ensures the strong body and pleasing appearance.
- Easy installation: 19", 21" and 23" rack mounting.
- For standard 19" racks use.
- Front rack mount brackets work with most network cabinets.
- Easy operations: using sliding rails to install the high density modules.
- Easy removable of modules.
- Multi-functions – Works with LongXing Series modules H1 (not just for splicing & terminating, also with options for splitters or fiber storage).
- Protected patch panel offers secure environment for adapters, patch cords and pigtails.
- Adoptable adapter types: SC, LC.



	Height	Depth (mm)	Width	Module H1		Module Quantity
				Capacity		
				SC	LC	
ODU-L11	1U (without cover)	280	19"/21"/23"	72	108	3
	2U	280	19"/21"/23"	144	216	6
	3U	280	19"/21"/23"	216	324	9
	4U	280	19"/21"/23"	288	432	12

## ODU-L16

### Features

- Top quality steel with electrostatic painted ensures the strong body and pleasing appearance.
- Easy installation: 19", 21" and 23" rack mounting.
- For standard 19", 21" and 23" racks use (other rack width options available on request).
- Front rack mount brackets work with most network cabinets.
- Easy operations: Drawer-type.
- Removable front door with designation labels.
- Vertical cable guides on exit side allow for managed routing and protection of the fiber exiting the panel.
- Multi-functions – Works with all LongXing Series A modules (not just for splicing & terminating, also with options for splitters or fiber storage).
- Protected patch panel offers secure environment for adapters, patch cords and pigtails.
- Adoptable adapter types: FC, SC, ST simplex adapters and LC duplex adapters.



	Dimension (mm)			Capacity				
				Module A1			Module A3	
	Height	Depth	Width	Capacity		Module Quantity	Capacity	Module Quantity
				FC/SC/ST	LC Duplex		FC/SC	
ODU-L16	2U	216	19"/21"/23"	24	48	2	48	2
	3U	216	19"/21"/23"	48	96	4	96	4
	4U	216	19"/21"/23"	72	144	6	144	6
	6U	216	19"/21"/23"	96	192	8	192	8



## ODU-L19

### Features

- UP to 144F LC Ports.
- With 6pcs of MTP/ MPO cassettes.
- Flexibility to Mix Adapter Plates with Cassettes in Patch Panel.
- Available in SM, OM1, OM2, OM3 and OM4 fiber grades.
- Flat Front Panel for Optimal Cable Routing.
- Removable Top for Easier Fiber Cable Management.
- Easily Accessible MPO/MTP Ports for Connection to Trunk Cable.
- Compliant IEC-61754-7, EIA/TIA-604-5 & RoHS.
- Factory terminated and tested.
- MPO/MTP components feature superior optical and mechanical properties.



	Dimensions (W*D*H mm)	Quantity of Cassette	Max Capacity
ODU-L19	390*250*159	6	144

## ODU-L20

### Features

- Mounting:  
19-inch racks or cabinets  
Other mounting kits available
- Fiber Chassis Data:  
Fiber capacity: 72 FC/SC, or 144 LC  
Termination  
Pigtail storage
- Hinged on left front side; allows full access to rear of front plate and interior of panel.
- 6 position adapter holders sold separately.
- Constructed of high strength aluminum.
- Equipped with removable metal doors with Plexiglass windows.
- Designation labels included with each panel.
- Complete line of accessories including locks for security, cable clamp kits, bonding/grounding kits, ordered separately.



	Height	Depth (mm)	Width	Capacity	
				FC/SC	LC Duplex
ODU-L20	1U	257.6	19"/21"/23"	12	24
	2U	257.6	19"/21"/23"	24	48
	3U	257.6	19"/21"/23"	48	96
	5U	257.6	19"/21"/23"	72	144
	6U	257.6	19"/21"/23"	96	192



# 28 Patch Panel

## ODU-L21

### Features

- Compact 3U patch panel, each U accommodates 2 fiber trays.
- Each tray with max. capacity of 24 fibers.
- Max capacity of the patch panel is 144 fibers for LC.
- Patch Panels are rear mounted for improved access.
- Fiber trays and connected patch cords can slide in and out independently as a pull-out unit.
- Easy side access ensures laser safety.
- Special splice module design, which allows splicing on one side and professional cable storage on the other side without cable congestion.
- Modules are tiltable up to 135 degree for ease of installation and maintenance.
- Special incoming cable fixing unit which ensures strong, easy and quick cable fixing for miniflex tubes-no need to use time consuming plastic cable ties.
- Integrated outgoing patch cords clamps and routing guides, which ensures min bend radius criteria of 35 mm and professional cable management.



	Height	Depth (mm)	Width	Maximum Port Capacity
ODU-L21	3U	258	19"/21"/23"	72 Ports (SC)/ 144 Ports (LC)

## ODU-L23

### Features

- Loaded with OSP-M1 PLC Splitter  
4 U Rack Mount to hold 4 pieces of 2\*32 OSPM PLC Splitter  
Customized design available upon request.
- Compact Design.
- Mount to standard EIA 19" rack rails.
- Steel construction with Black Powder Coating.
- Ensure signal integrity, proper cable routing, bend radius control and cable protection.
- Provide higher patch field density in fewer rack units saving valuable space.
- Assures flexibility and ease of network deployment and moves, adds, and changes.
- Provides a complete system solution for connectivity.



	Height	Depth (mm)	Width	Capacity	Quantity of Splitters
ODU-L23	3U	150	19"/21"/23"	96	Qty. 8, 1*16
	3U	150	19"/21"/23"	96	Qty. 4, 2*32



## ODU-L24

### Features

- 1U (enables splitting up to 32 SC or 64 LC ports).
- Swing Out system with front cable management for patch cords.
- Manages small & large quantities of fiber with a high packing density.
- Compact Design.
- Mount to standard EIA 19" rack rails.
- Steel construction with Black Powder Coating.
- Ensure signal integrity, proper cable routing, bend radius control and cable protection.
- Provide higher patch field density in fewer rack units saving valuable space.
- Assures flexibility and ease of network deployment and moves, adds, and changes.
- Provides a complete system solution for connectivity.
- 1:2, 1:4, 2:4, 1:8, 2:8, 1:16, 2:16, 1:32, 2:32, 1:64, 2:64 splitters of SC/LC connector types can be embedded inside.



	Height	Depth (mm)	Width	Capacity	Quantity of Splitter
ODU-L24	1U	280	19"/21"/23"	32 SC	Qty. 1, 1*32 / 2*32
	1U	280	19"/21"/23"	64 LC	Qty. 1, 1*64 / 2*64
	* Customized design available upon request.				

## ODU-L25

### Features

- Top quality steel with cover by nonflammable electrostatic painted ensures a strong body, resistance to corrosive influences and pleasing appearance.
- Front and rear door have push buttons; allow easy access to the splicing trays.
- Easy operations: Sliding mechanism both forward and backward.
- Easy installations: 19" rack mounting.
- For standard 19" racks use (other rack width options available on request).
- Adoptable adapter types: SC simplex adapters and LC duplex adapters.



	Model	Height	Depth (mm)	Width	Capacity	
					SC	LC Duplex
ODU-L25	L25-1 (Fiber to fiber)	4U	450	19"/21"/23"	144	288
	L25-2 (Drop cable to fiber)	4U	550	19"/21"/23"	144	288



# 30 Patch Panel

## ODU-L27

### Features

- Loaded with OSP-M1 PLC Splitter
- 4U Rack Mount to hold 4 pieces of 2\*32 OSPM PLC Splitter
- Customized design available upon request.
- Compact Design.
- Mount to standard EIA 19" rack rails.
- Steel construction with Black Powder Coating.
- Ensure signal integrity, proper cable routing, bend radius control and cable protection.
- Provide higher patch field density in fewer rack units saving valuable space.
- Assures flexibility and ease of network deployment and moves, adds and changes.
- Provides a complete system solution for connectivity.



	Height	Depth (mm)	Width	Capacity	Quantity of Splitters
ODU-L27	4U	220	19"/21"/23"	192 for LC	Qty. 8, 2*32
	4U	220	19"/21"/23"	96 for SC	Qty. 4, 2*32
	*Customized design available upon request.				

## ODU-L32

### Features

- Top quality steel with electrostatic painted ensures the strong body and pleasing appearance.
- For standard 19" racks use (other rack width options available on request).
- Fully stable patch panel, no risk of movement.
- Rotate operations.
- Cable can be entered from rear; patch cords go out from right front.
- Total front access for users.
- LongXing adapter panels are used for quick and easy adapter installations.
- Protected patch panel offers secure environment for adapters, patch cords and pigtails.
- High density, see the capacity chart below.
- Adoptable adapter types: FC, SC simplex adapters and LC duplex adapters.



	Height	Depth (mm)	Width	Capacity (Cores)		
				FC	SC	LC
ODU-L32	1U	300	19"/21"/23"	12	12	24



**ODU-L36****Features**

- Top quality steel with electrostatic painted ensures the strong body and pleasing appearance.
- For standard 19" racks use (other rack width options available on request).
- Sliding type for easy installation.
- Patch cords routing panel is optional (not included by default).
- Protected patch panel offers secure environment for adapters, patch cords and pigtails.
- 1:32 cassette-type splitters are available upon request.
- Cable ties are provided for easy and neat cable routing.
- Clear number printings are provided.
- Wavelength: 1260 –1360 nm and 1450 –1650 nm.
- Return loss  $\geq 55$ dB.
- Temperature Range: -10 °C to 70 °C.
- Humidity Range: 5% to 100%.

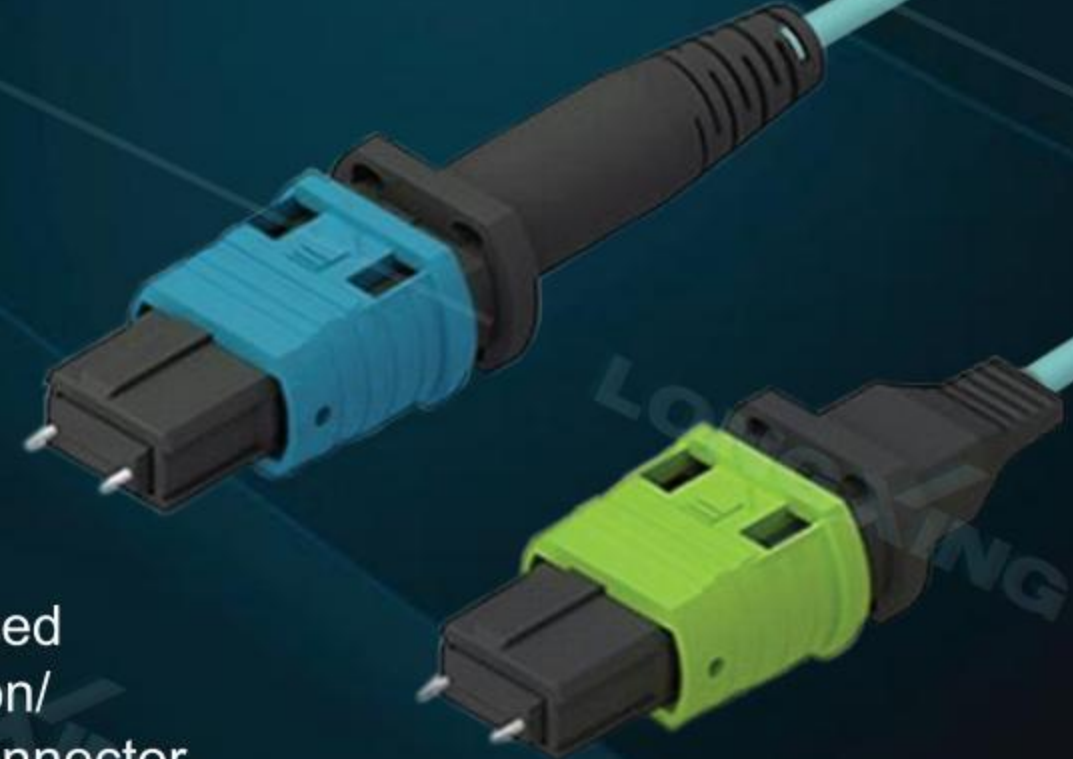


	Height	Depth (mm)	Width	Splitter Type
ODU-L36	1U	240	19"/21"/23"	1:16LC/SCmini splitter
				2:16LC/SCmini splitter
				1:32LC/SCmini splitter
				2:43LC/SCmini splitter



# MPO Solutions

MTP/MPO is a type of fiber optic connector that is commonly used in high-density data center applications. It is a multi-fiber push-on/pull-off (MPO) connector that can support up to 24 fibers in a connector. The connector also has high precision alignment pins that ensure accurate fiber alignment and low insertion loss. It offers a high-performance, high-density, and cost-effective solution for fiber optic connectivity in modern data center environments.



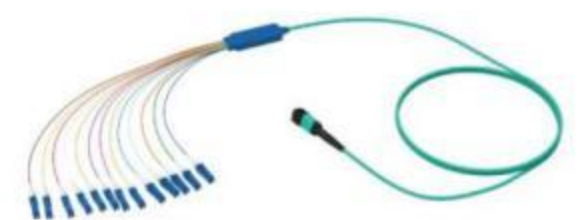
Modular Patch Panels



MTP / MPO Cassettes



MTP / MPO Trunk Cables



MTP / MPO Harnesses



Modular Patch Panels Fully Loaded with Adapter Plates



MTP / MPO Adapter



Scan for more details



Adapter Plates



Ultra High Density Patch Panel



## ULTRA DENSITY



### Ultra High Density Patch Panels

- 1U Angled or 1U Flat
- Up to 144 fiber in 1U, LC to MPO
- Factory configured for rapid deployment
- Single-mode or multimode (OM3/OM4)



### MPO Harnesses

- Pre-terminated MPO-LC or MPO-SC
- 12 or 24 pin MPO connectors
- Connect directly to equipments



### MPO Trunk Cables

- Pre-terminated 40G/100G backbone
- 12,16 or 24 pin MPO connectors
- MPO cassette to cassette connections



### Modular Patch Panels Fully Loaded with MPO Cassettes

- 1U or 3U (max 4 MPO cassettes per 1U)
- Up to 96 fiber in 1U, LC to MPO
- Work with MPO Cassettes
- Factory configured or build your own



### MPO Cassettes

- Up to 4 cassettes in 1U
- 12, 24, or 36 fiber per cassette
- Easy installation/replacement

## HIGH DENSITY



### Modular Patch Panels Fully Loaded with Adapter Plates

- 1U (max 4 adapter plates per 1U)
- Up to 108 fiber in 1U, LC to MTP / MPO
- Work with Adapter Plates
- Factory configured or build your own



### Adapter Plates

- Up to 4 cassettes in 1U
- 12, 24, or 36 fiber per cassette
- Pigtail/Splice tray sets available



### MTP / MPO Adapter

- Type A (opposed) or type B (aligned), Full Flange
- Free-hanging or panel-mount design
- High Performance, Premium Quality
- High-strength casing materials

\* Customized pre-terminated high density solutions available upon request.





Fiber Length (Include Fanout Length)	
0001	1m
0002	2m
0010	10m
0015	15m
X050	50cm
XXXX	Others, please specify*

+86 574 87917627





# Outdoor Cabinets

Outdoor cabinets are weatherproof enclosure designed to house and protects electronic equipment used in telecommunication applications, such as base stations, antennas, and other network equipment. Our cabinets are built to provide protection from various environmental factors, such as moisture, dust, extreme temperatures, and other weather-related hazards. They are constructed with durable materials, such as stainless steel or aluminum, and often feature insulation and cooling systems to maintain optimal temperature and humidity levels inside the cabinet.

## Options for designing your own cabinet

**GALV Steel** Galvanized steel. Outstanding impact and corrosion resistance.

**AL .5025** .5025 Aluminum. Outstanding corrosion resistance.

**Stainless steel** Stainless steel. Offer high-grade stainless steel appropriate to the end user and as specified by the customer.

**Cold-rolled Steel** Cold-rolled Steel. Lowest price.

**SMC** Glass-fiber polyester

**Locking** Extremely secure and impermeable. Three-point pad lockable door mechanisms.

**Utility Grey** Utility Grey RAL7035

**Unpainted** Unpainted

**Custom** Customized

**Protection** Designed to protect against rain, sleet, snow, splashing water and damage from external ice formation.

**Powder coat** Finished to current industry mechanical and environmental standards for telecom enclosures.

**Stainless steel hardware** High-grade stainless steel hardware only.



Scan for more details



# 36 Outdoor Cabinet

## Fiber Optic Cross-connect Cabinet (Fiberglass Cabinet)



GP31-2-A1

## Fiber Optic Cross-connect Cabine (Metal Cabinet)



GP31-2-B1



GP31-2-C1

## Multi-functional Outdoor Cabinet (Suitable for Extreme Weather)



NPX06-H1d

Customized designs available upon your request.





**Multi-functional Cabinet Tri-bay Cabinet**



**Dual Bay Easy Access Cabinet**



**The Multiple Protection**



**Integrated Outdoor Cabinet**



**Modular Enclosure**



**Enclosure Mini Enclosure**



**High Density Cabinet**



**SMC Series Cross Connection Cabinet**



# Distribution Boxes

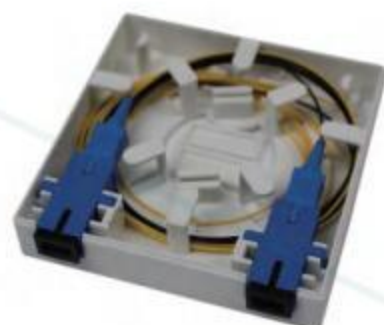
Fiber distribution boxes typically consist of a metal or plastic enclosure that house fiber optic connectors, splice trays, and other components that are used to manage and distribute fiber optic signals. They may also include features such as cable management systems, protection against environmental factors like dust and moisture, and locking mechanisms for security.



Scan for more details



GP31-1P02A



**2 Cores Indoor**  
Size: 86mm\*86mm\*24mm

GP31-1P02C



**2 Cores Indoor**  
Size: 79mm\*122mm\*24mm

GP31-1P02D



**2 Cores Indoor**  
Size: 86mm\*155mm\*23mm

GP31-1P02E



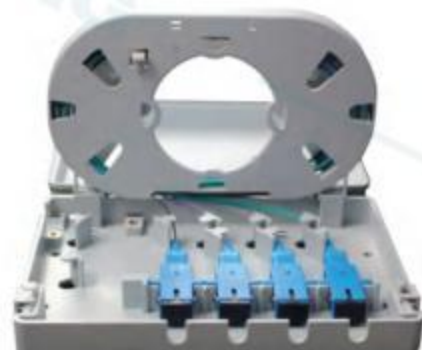
**2 Cores Indoor**  
Size: 80mm\*100mm\*22mm

GP31-1P02E-1



**2 Cores Indoor**  
Size: 105.4mm\*82.4mm\*22.5mm

GP31-1P04A



**4 Cores Indoor**  
Size: 152mm\*112mm\*30mm

GP31-1P04B



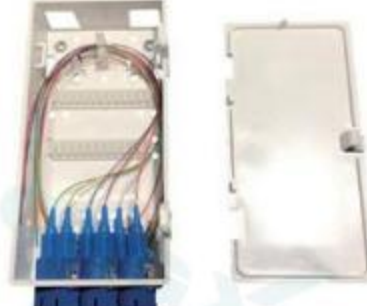
**4 Cores Indoor**  
Size: 152mm\*112mm\*30mm

GP31-1P04C-1



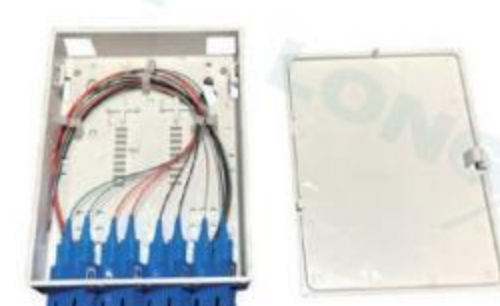
**4 Cores Indoor**  
Size: 100.5mm\*80.5mm\*28.5mm

GP31-1P06A



**6 Cores Indoor**  
Size: 78mm\*158mm\*37mm

GP31-1P08A



**8 Cores Indoor**  
Size: 118mm\*158mm\*32mm

GP31-1P08B



**8 Cores Indoor**  
Size: 175mm\*210mm\*50mm

GP31-1P08C



**8 Cores Indoor**  
Size: 205mm\*110mm\*26mm

GP31-1P48A



**48 Cores Indoor**  
Size: 450mm\*182mm\*150mm

GP31-2P02A



**2 Cores Indoor&Outdoor**  
Size: 120mm\*172mm\*31mm

GP31-2P04A



**4 Cores Indoor&Outdoor**  
Size: 102mm\*167mm\*31mm

GP31-2P04B



**4 Cores Indoor&Outdoor**  
Size: 153mm\*208mm\*52mm

GP31-2P08A



**8 Cores Indoor&Outdoor**  
Size: 205mm\*220mm\*55mm

GP31-2P08B



**8 Cores Indoor&Outdoor**  
Size: 195mm\*240mm\*66mm

GP31-2P08C



**8 Core Indoor & Outdoor**  
Size: 198mm\*230mm\*60mm

GP31-2P12B



**12 Cores Indoor & Outdoor**  
Size: 210mm\*250mm\*60mm



# 40 Plastic Distribution Boxes

GP31-2P12C



12 Cores Indoor&Outdoor  
Size: 194mm\*228mm\*58mm

GP31-2P12D



12 Cores Indoor&Outdoor  
Size: 225mm\*230mm\*90mm

GP31-2P16A



16 Cores Indoor & Outdoor  
Size: 225mm\*300mm\*100mm

GP31-2P16B



16 Cores Indoor & Outdoor  
Size: 219mm\*293mm\*84mm

GP31-2P16C



16 Cores Indoor & Outdoor  
Size: 223.5mm\*300mm\*92mm

GP31-2P16D



16 Cores Indoor & Outdoor  
Size: 240mm\*306mm\*106mm

GP31-2P16D-1



16 Cores Indoor & Outdoor  
Size: 240mm\*306mm\*106mm

GP31-2P16F



16 Cores Indoor & Outdoor  
Size: 125mm\*275mm\*80mm

GP31-2P16F-1



16 Cores Indoor & Outdoor  
Size: 237mm\*317mm\*101mm

GP31-2P24A



24 Cores Indoor & Outdoor  
Size: 300mm\*380mm\*100mm

GP31-2P24B



24 Cores Indoor & Outdoor  
Size: 300mm\*380mm\*100mm

GP31-2P24C



24 Cores Indoor & Outdoor  
Size: 260mm\*330mm\*130mm

GP31-2P24D



24 Cores Indoor & Outdoor  
Size: 237mm\*317mm\*101mm

GP31-2P24E



24 Cores Indoor & Outdoor  
Size: 340mm\*340mm\*110mm

GP31-2P32B



32 Cores Indoor & Outdoor  
Size: 350mm\*400mm\*110mm

GP31-2P32C



32 Cores Indoor & Outdoor  
Size: 350mm\*420mm\*170mm

GP31-2P48A



48 Cores Indoor & Outdoor  
Size: 430 mm\*390 mm\*150 mm



**GP31-1M08A**  
Indoor



Typical Capacity: 8 cores

**GP31-1M12A**  
Indoor

**AL**  
.5025



Typical Capacity: 12 cores

**GP31-1M32A**  
Indoor



Typical Capacity: 32 cores

**GP31-1M48A**  
Indoor



Typical Capacity: 48 cores

**GP31-1M48B**  
Indoor

**AL**  
.5025



Typical Capacity: 48 cores

**GP31-2M32A**  
Indoor & Outdoor



Typical Capacity: 32 cores

**GP31-2M48A**  
Indoor & Outdoor

**AL**  
.5025



Typical Capacity: 48 cores

**GP31-2M64A**  
Indoor & Outdoor



Typical Capacity: 64 cores

**GP31-2M96A**  
Indoor & Outdoor



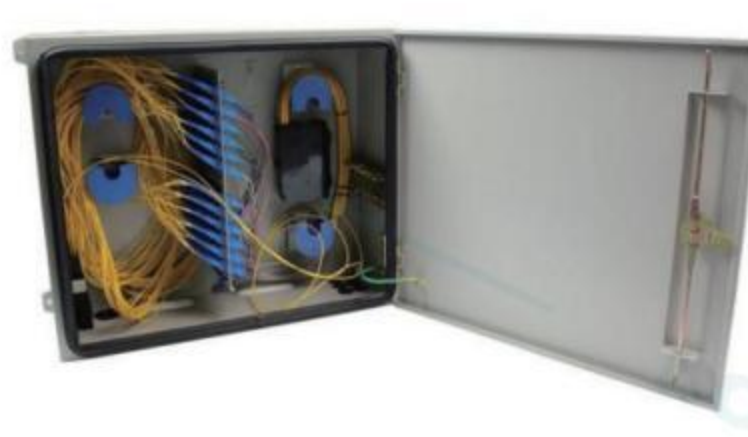
Typical Capacity: 96 cores

**GP31-2M96B**  
Indoor & Outdoor



Typical Capacity: 192 cores

**GP31-2M96C**  
Indoor & Outdoor



Typical Capacity: 96 cores

**GP31-2M144A**  
Indoor & Outdoor



Typical Capacity: 144 cores

**AL**  
.5025

Made of Aluminum.



# Splice Closures

In telecommunications and fiber optics, splice closures are used to protect and join two or more fiber optic cables or fibers together. They provide a protected environment for the fusion or mechanical splicing of the fibers, which help to maintain the optical signal integrity and prevent any external factors from affecting the quality of the signal. They come in different types and sizes depending on the number of fibers being spliced and the environment in which they will be installed.



Scan for more details



## GPJ83-D18

NEW



D18-A



D18-B



D18-C



D18-D

### Applications

Suitable for bunchy fibers.  
Aerial, underground, wall-mounting, hand hole-mounting and duct-mounting.  
It's especially applicable to FTTH optical fiber distribution.

### Features

- LongXing GPJ83-D18 fiber optic splice closures are specially designed to protect joints of optic cable.
- The scope of application is: aerial, wall-mounting, and pole-mounting. The ambient temperature ranges from  $-40^{\circ}\text{C}$  to  $+65^{\circ}\text{C}$ .
- The closure adopts mechanical and heat shrinkable sealing structure. There is one oval shaped cable port entrances in base, which is used for the sealing of uncut straight-through fiber cable. The small ports are used for branch fiber cable and drop cable.
- To adopt engineering PP plastic with high-strength to make the closure has longer life time and excellent sealing performance.
- It can be installed more splitter trays and 1:8 blockless or bare PLC splitters.
- There are different drop cable elements to be chosen:  
D18-A: ( $\Phi 5$ - $\Phi 9$ ). Max. 24 pcs drop cable input/output;  
D18-B: ( $\Phi 5$ - $\Phi 9$ ). Max. 24 pcs drop cable input/output;  
D18-C: ( $\Phi 5$ - $\Phi 9$ ). Max. 32 pcs drop cable input/output.  
D18-D: ( $\Phi 5$ - $\Phi 9$ ). Max. 32 pcs drop cable input/output.
- The excellent sealing structure keep good sealing performance after re-entry and re-using.
- It could save installation time.

### Dimensions and Capability

Closure type	D18-A (Small Closure)	D18-B (Medium Closure)	D18-C (Large Closure)	D18-D (Extra Large Closure)
Outside dimension (H*W*L)	345×192×323mm	445*192*323mm	490×313× $\phi$ 281mm	590×313× $\phi$ 281mm
Weight (excluding outside box)	About 4.50 kg	About 5.5 kg	About 6.80 kg	About 7.15 kg
Number of inlet/out ports	7 pcs	7 pcs	9 pcs	9 pcs
Diameter of express cable	$\Phi 8 \sim \Phi 16\text{mm}$	$\Phi 8 \sim \Phi 16\text{mm}$	$\Phi 8 \sim \Phi 23\text{mm}$	$\Phi 8 \sim \Phi 23\text{mm}$
Diameter of branch/drop cable	$\Phi 8 \sim \Phi 22\text{mm}$	$\Phi 8 \sim \Phi 22\text{mm}$	$\Phi 8 \sim \Phi 22\text{mm}$	$\Phi 8 \sim \Phi 22\text{mm}$
Capacity of FOSC	6 - 192 cores	6 - 384 cores	6 - 576cores	6 - 960cores



# 44 Splice Closure

## GPJ83-12



### Overview

LongXing GPJ83-12 fiber optic splice closures (FOSC) are used to distribute, splice, and store the outdoor optical cables which enter and exit from the ends of the closure. There are two connection ways: direct connection and splitting connection. Suitable for different ways of cable's divergent and splicing, including uncut cable.

### Features

- Sealing style: Box use mechanical seal style.
- Installation style: Aerial.
- Box Material: Modified Polymer Plastic.
- Seal Material: Vulcanized Silicone Rubber.
- The protection grade reaches IP 65.
- Installation Method: Aerial or Hang on the entrance cable directly.
- Two-layer system, bottom layer for splicing, top layer for splitting & distribution.
- Structured construction fixed by simple buckle, easy for operation.
- Ambient temperature ranges from -40 to 65℃.
- The closure is of small volume, big capacity and convenient maintenance.
- The closure casing is made of quality engineering plastics, and of good performance of anti-erosion against acid and alkali salt, anti-aging, as well as smooth appearance and reliable mechanical structure.
- The mechanical structure is reliable and has the performance of resisting wild environment and intensive climate changes and serious working environment.



### Dimensions and Capability

Dimensions (L*W*H)	605mm*167mm*87mm
Quantity of Fiber	4 in, 16 out
Adapter Type	SC, LC
Max Cable Diameter	16mm
Max Ratio	(1*8)*2
Max Capacity	24



## GPJ83-11 series



GPJ83-11A  
Splice type



GPJ83-11B  
Splitter module type

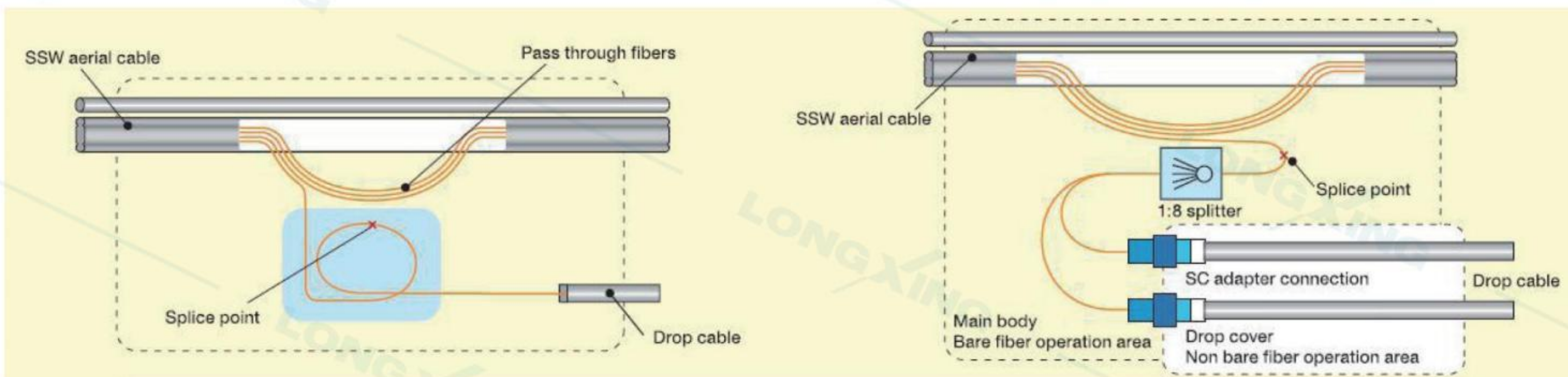
### Overview

LongXing GPJ83-11 series Aerial Weathertight Splice Closures are designed for aerial strand-mount FTTH drop locations where drop cables are spliced to distribution cables. These free breathing closures combine grommet cable sealing technology and splice tray, the splitter module is also available. Aerial Weathertight Splice Closures are suitable for special feature with SSW cable. These durable, easy to install closures will increase productivity, reduce labor expenses and last through the life time of your network.

### Features

- The closure casing is made of quality engineering plastics, and of good performance of anti-erosion against acid and alkali salt, anti-aging, as well as pleasing appearance.
- The mechanical structure is reliable and has the performance of resisting wild environment.
- Chemical and mechanical resistance for all the aerial application areas in the fiber networks.
- Cover most of the applications in the premise wiring networks like Fiber To The Home (FTTH).
- Closure adopts hinge/buckle mechanism which makes dismantling/assembling easy.
- Cable entry section can accommodate 1 main cable with up to 16c SSW cable.
- Can accommodate up to 8 drop cables.
- Convenient attachable splitter module with 1:8 splitter module & 1:4 splitter module for drop cable installation.
- Re-useable grommet sealing open and close easily for adding or removing drop cables providing efficient cable installation with no mess.

### Applications



Dimensions and Capability		
Dimensions (L*W*H)	416mm*123.7mm*65mm (Splitter module type GPJ83-11B)	
Material	Molded plastic	
Cable Diameter	Main cable	SSW aerial optical cable: 1 PC
	Drop cable	2×3 mm: up to 8 PCS
Cable Ports	2 for main cable	
Maximum Fiber Storage Capacity	Single-fiber	12 splices points
No. of Optical Adapter	Max. 8×SC adapter	with 1×8 splitter module



# 46 Splice Closure

## Dome Style

GPJ83-3



Size: 480(H)\*Φ150 4 Ports  
Capacity: Loose fiber: 72 Ribbon fiber: 320

GPJ83-5



Size: 650(H)\*Φ235 6 Ports+1 Oval Port  
Capacity: Loose fiber: 192 Ribbon fiber: 560

GPJ83-6



Size: 500(H)\*Φ171 6 Ports  
Capacity: Loose fiber: 96 Ribbon fiber: 480

GPJ83-9B



Size: 500(H)\*Φ171 4 Ports  
Capacity: Loose fiber: 72 Ribbon fiber: 320

GPJ83-10



Size: 275(H)\*Φ148 4 Ports  
Capacity: Loose fiber: 12

GPJ83-D01



Size: 430\*190 4 Ports  
Capacity: Bundle: 12 cores-96 cores  
Ribbon: max. 288 cores

GPJ83-D02



Size: 540\*205 5 Ports  
Capacity: Bundle: 24 cores-96 cores  
Ribbon: max. 288 cores

GPJ83-D03



Size: 420\*190 5 Ports  
Capacity: Bundle: 12 cores-96 cores  
Ribbon: max. 144 cores

GPJ83-D04



Size: 480\*220 6 Ports  
Capacity: Bundle: 12 cores-288 cores  
Ribbon: max. 432 cores

GPJ83-D05



Size: 310\*190 4 Ports  
Capacity: Bundle: 12 cores-48 cores  
Ribbon: max. 72 cores

GPJ83-D06



Size: 460\*190 4 Ports  
Capacity: Bundle: 12 cores-96 cores  
Ribbon: max. 144 cores

GPJ83-D07



Size: 310\*190 4 Ports  
Capacity: Bundle: 12 cores-48 cores

GPJ83-D08



Size: 460\*205 5 Ports  
Capacity: Bundle: 24 cores-96 cores  
Ribbon: max. 288 cores



## Dome Style

GPJ83-D09



Size: 470\*210    **9 Ports**  
 Capacity: **Bundle:** 24 cores-144 cores  
**Ribbon:** max. 432 cores

GPJ83-D10



Size: 470\*210    **5 Ports**  
 Capacity: **Bundle:** 24 cores-144 cores  
**Ribbon:** max. 432 cores

GPJ83-D11



Size: 515\*310    **7 Ports**  
 Capacity: **Bundle:** 24 cores-288 cores  
**Ribbon:** max. 864 cores

GPJ83-D12



Size: 395\*190    **4 Ports**  
 Capacity: **Bundle:** 6 cores-96 cores  
**Ribbon:** max. 144 cores

GPJ83-D13



Size: 490\*220    **6 Ports**  
 Capacity: **Bundle:** 48 cores-288 cores  
**Ribbon:** max. 864 cores

GPJ83-D14



Size: 435\*190    **5 Ports**  
 Capacity: **Bundle:** 12 cores-96 cores  
**Ribbon:** max. 288 cores

GPJ83-D16



Size:  $\Phi 85 \times 330$     **3 Ports**  
 Capacity: **Bundle:** 12 cores / 24 cores

GPJ83-D21



Size: 540\*150\*180mm  
 Capacity: 144 (24 per tray, 6 trays)  
 1 oval port & 4 round ports

GPJ83-D28



Size: 435\*190  
 Capacity: 144 cores  
 1 oval port & 4 round ports

GPJ83-D32



Size: 278\*162.6\*450.5mm  
 Capacity: 144 cores  
 1 oval port & 6 round ports



# 48 Splice Closure

## Horizontal Style

GPJ83-1



Size: 420\*145\*145 4 Ports  
Capacity: Loose fiber: 96 Ribbon fiber: 480

GPJ83-2



Size: 460\*260\*145 6 Ports  
Capacity: Loose fiber: 144 Ribbon fiber: 480

GPJ83-4



Size: 660\*220\*178 6 Ports  
Capacity: Loose fiber: 192 Ribbon fiber: 480

GPJ83-7



Size: 450\*200\*125 4 Ports  
Capacity: Loose fiber: 96 Ribbon fiber: 320

GPJ83-8



Size: 392\*152\*54 4 Ports  
Capacity: Loose fiber: 24 Ribbon fiber: 144

GPJ83-H01



Size: 390\*210\*120 6 Ports  
Capacity: Bundle: 12 cores-96 cores  
Ribbon: 72 cores-144 cores

GPJ83-H02



Size: 390\*210\*85 6 Ports  
Capacity: Bundle: 12 cores-96 cores  
Ribbon: max. 144 cores

GPJ83-H03



Size: 280\*200\*90 4 Ports  
Capacity: Bundle: 12 cores-96 cores  
Ribbon: max. 144 cores

GPJ83-H04



Size: 450\*220\*110 6 Ports  
Capacity: Bundle: 12 cores-96 cores  
Ribbon: 72 cores-288 cores

GPJ83-H05



Size: 450\*220\*160 6 Ports  
Capacity: Bundle: 12 cores-192 cores  
Ribbon: 72 cores-288 cores

GPJ83-H06



Size: 395\*195\*130 6 Ports  
Capacity: Bundle: 12 cores-96 cores  
Ribbon: 72 cores-144 cores

GPJ83-H07



Size: 470\*180\*125 6 Ports  
Capacity: Bundle: 12 cores-96 cores  
Ribbon: max. 144 cores

GPJ83-H08



Size: 340\*150\*70 4 Ports  
Capacity: Bundle: 12 cores-48 cores  
Ribbon: 36 cores-72 cores



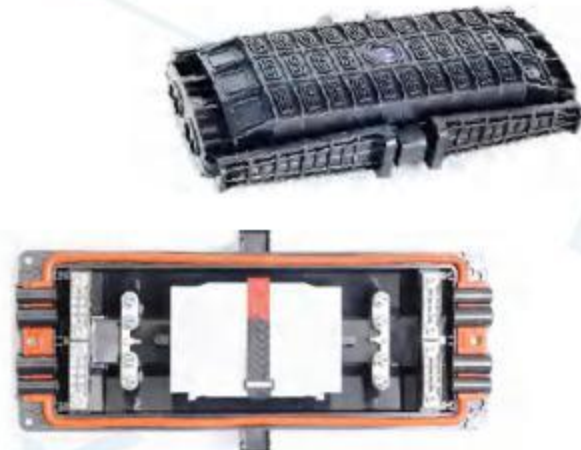
## Horizontal Style

GPJ83-H09



**Size:** 605\*215\*120 **4 Ports**  
**Capacity:** **Bundle:** 48 cores-144 cores  
**Ribbon:** max. 576 cores

GPJ83-H10



**Size:** 450\*220\*110 **8 Ports**  
**Capacity:** **Bundle:** 12 cores-96 cores  
**Ribbon:** max. 144 cores

GPJ83-H11



**Size:** 413\*160\*88 **4 Ports**  
**Capacity:** **Bundle:** 12 cores-96 cores  
**Ribbon:** max. 144 cores

GPJ83-H13



**Size:** 460\*182\*120 **4 Ports**  
**Capacity:** **Bundle:** 12 cores-96 cores  
**Ribbon:** max. 144 cores

GPJ83-H14



**Size:** 336\*180\*100 **8 Ports**  
**Capacity:** **Bundle:** 12 cores-48 cores  
**Ribbon:** 36 cores-72 cores

GPJ83-H15



**Size:** 385\*245\*130 **16 Ports**  
**Capacity:** 96 cores

GPJ83-H16



**Size:** 395\*245\*130 **6 Ports**  
**Capacity:** 288 cores



# 50 Splice Tray

ST-1D08A



8 Splices  
Size: 95mm\*85mm\*14mm

ST-1D12A



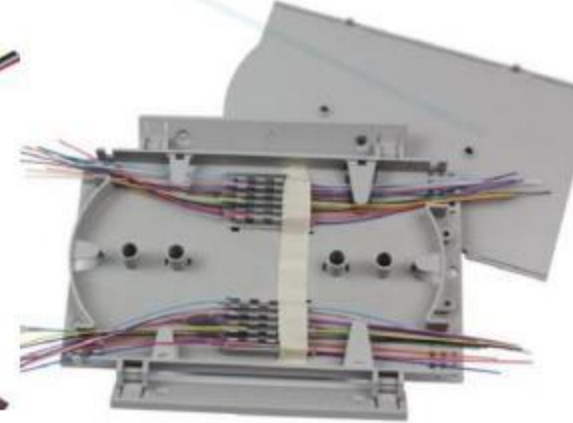
12 Splices  
Size: 160mm\*100mm\*17mm

ST-1D12B



12 Splices  
Size: 100mm\*80mm\*12mm

ST-1D24A



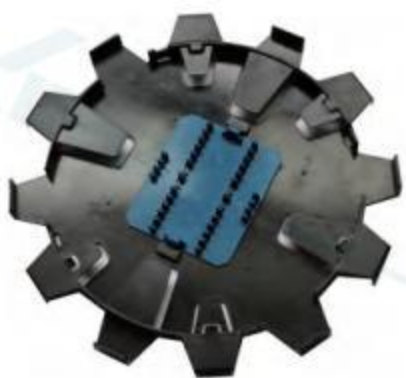
24 Splices  
Size: 210mm\*156mm\*18mm

ST-1D24B



24 Splices  
Size:  $\Phi$ 212mm,  $\delta$ 16mm

ST-1D24C



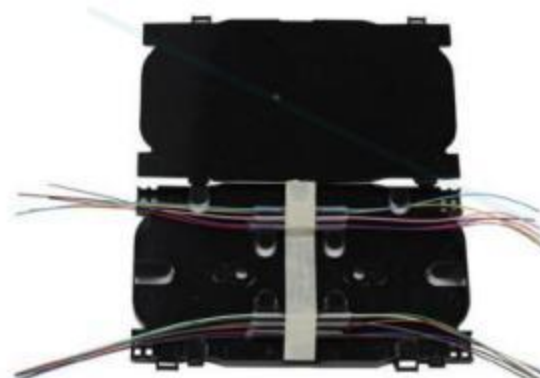
24 Splices  
Size:  $\Phi$ 170mm,  $\delta$ 10mm  
 $\Phi$ 220mm,  $\delta$ 14mm

ST-2D12A



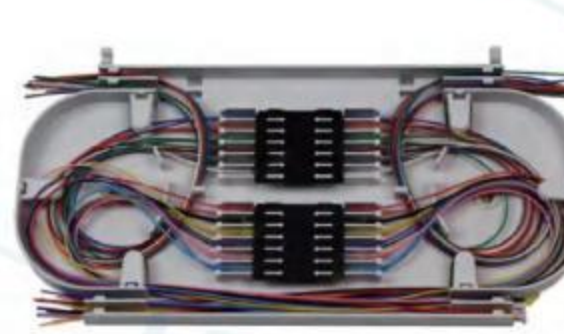
12 Splices  
Size: 160mm\*107mm\*10mm

ST-2D12B



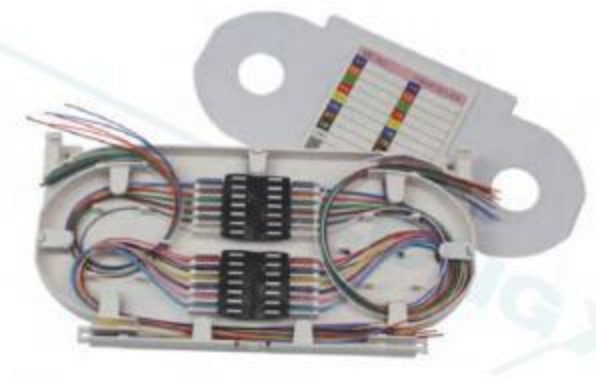
12 Splices  
Size: 170mm\*105mm\*11mm

ST-2D24A



24 Splices  
Size: 224mm\*114mm\*17mm

ST-2D24B



24 Splices  
Size: 223mm\*110mm\*14mm

ST-2D24C



24 Splices  
Size: 157mm\*105mm\*15mm

ST-2D24D



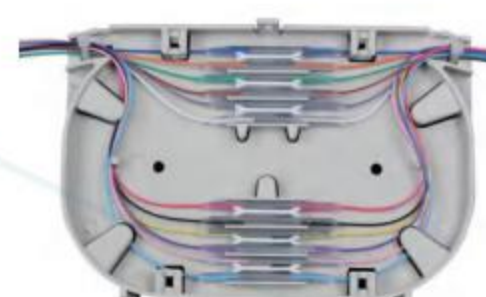
24 Splices  
Size: 160mm\*100mm\*15mm

ST-2D24E



24 Splices  
Size: 180mm\*110mm\*120mm

ST-2D24F



24 Splices  
Size: 170mm\*110mm\*10mm

ST-2D24G



24 Splices  
Size: 176mm\*107mm\*13mm

ST-2S12A



12 Splices  
Size: 160mm\*107mm\*12mm

ST-2S12B



12 Splices  
Size: 140mm\*95mm\*13mm

ST-2S12C



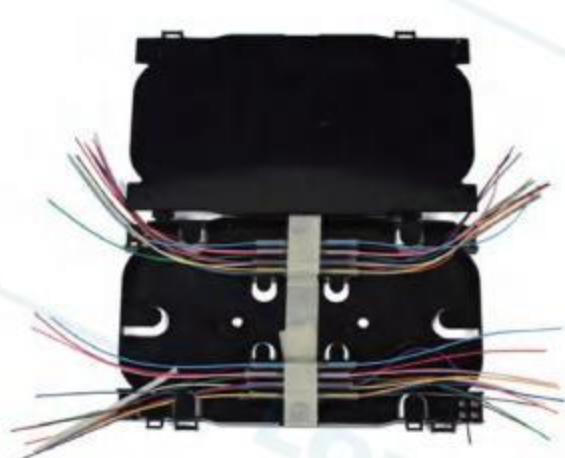
12 Splices  
Size: 157mm\*103mm\*14mm

ST-2T24A

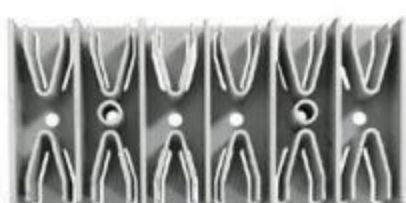


24 Splices  
Size: 140mm\*95mm\*15mm

ST-2T24B



24 Splices  
Size: 170mm\*105mm\*15mm



ST-1Q48A

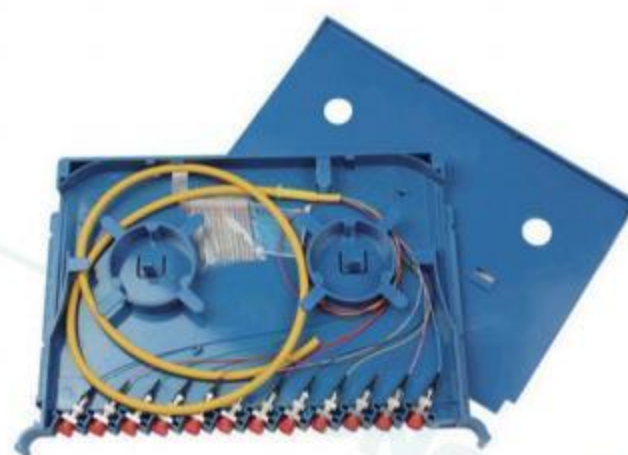
48 Splices  
Size: 42mm\*89mm\*15mm





Optical Splice & Distribution  
Module Series A  
(A0 A1 A2 A3 A4)

Capacity	A0/A1/A2		A3/A4	
	SC/FC/ST	LC	SC/FC	LC
	12	24	24	48



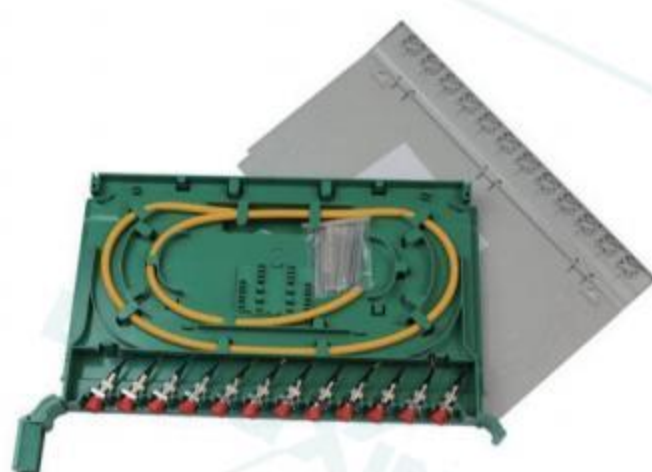
Optical Storage & Patching  
Module Series A  
(A5)

Capacity	A5	
	SC/FC/ST	LC
	12	24



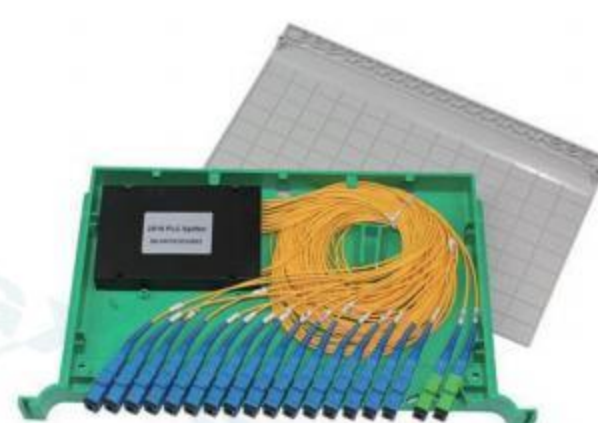
Optical Splitter Module Series A  
(A6)

Capacity	A6
	Max split ratio of 2×16



Optical Splice & Distribution  
Module Series B  
(B0)

Capacity	B0	
	SC/FC	LC
	12	24



Optical Splitter Module Series  
(B3 B4)

Capacity	B3		B4	
	SC/FC	LC	SC/FC	LC
	1*2:16	1*2:32	1*2:32	1*2:64



Optical Splice & Distribution  
Module Series F  
(F1 F2)

Capacity	F1	F2
	12	SC/FC/LC
		12



Optical Splice & Distribution  
Module Series G  
(G0)

Capacity	G0	
	SC	LC
	12	24



Optical Splice & Distribution  
Module Series H  
(H1)

Capacity	H1	
	SC	LC
	24	36



Optical Splice & Distribution  
Module Series I  
(I1)

Capacity	I1
	SC
	12



# WDM & Splitters

- WDM is a kind of technology used in optical fiber communication systems to increase the bandwidth capacity of the network. It works by simultaneously transmitting multiple optical signals with different wavelengths (colors) over a single optical fiber. It is widely used in long-haul fiber optic networks, line monitoring and data centers to increase their capacity and improve their performance.
- Fiber optic splitters are device that splits a single optical fiber into multiple fibers, allowing a single fiber to serve multiple devices. They are commonly used in fiber-to-the-home (FTTH) and other fiber optic network applications. Longxing optical splitters use Planer Lightwave Circuit (PLC) technology for split ratio 2, 4, 8, 16, 24, 32 and 64. They are typically smaller and more reliable than FBT splitters by using a microchip to split the signal.



Scan for more details





## Performance Specifications

Parameter		4 Channels		8 Channels		16 Channels	
		Mux	Demux	Mux	Demux	Mux	Demux
Channel Wavelength (nm)		1270~1610 or 1271~1611					
Channel Spacing (nm)		20					
channel Passband (@-0.5dB bandwidth) (nm)		≥13					
Insertion Loss (dB)		≤1.5		≤2.5		Low ≤3.5 Standard ≤4.5	
Isolation (dB)	Adjacent	≥30					
	Non-adjacent	≥40					
Insertion Loss Temperature Sensitivity (dB)		≤0.5					
Wavelength Temperature Shifting (nm/°C)		≤0.002					
Polarization Dependent Loss (dB)		≤0.2					
Polarization Mode Dispersion (ps)		≤0.1					
Directivity (dB)		≥50					
Return Loss (dB)		≥45					
Maximum Power Handling (mW)		300					
Operating Temperature (°C)		-10~+70					
Storage Temperature (°C)		-40~+85					
Package Dimension (mm)		L100 x W80 x H10			L120 x W80 x H18		
		19" 1U Rackmount					

## Features

- Low insertion loss
- Wide pass band
- High channel isolation
- High stability and reliability
- Epoxy free on optical path

Above specifications are for devices without connector.  
Specifications may change without notice.





NEW

## Performance Specifications

Parameter		DWDM Module						OADM Module			
		4 Channels		8 Channels		16 Channels		4 Channels		8 Channels	
		Mux	Demux	Mux	Demux	Mux	Demux	Mux	Demux	Mux	Demux
Channel Wavelength (nm)		ITU 100GHz Grid						ITU Grid			
Channel Spacing (GHz)		100 / 200						100 / 200			
channel Passband (@-0.5dB bandwidth) (nm)		≥0.22 (100G) / ≥0.5 (200G)						≥0.22 (100G) / ≥0.5 (200G)			
Insertion Loss (dB)		≤1.8		≤3.0		Low≤3.5Standard≤3.5		/			
Channel Ripple (dB)		≤0.5						/			
Isolation (dB)	Adjacent	≥30						/			
	Non-adjacent							/			
Isolation LOSS (dB)	In--Drop@drop	/						2.0		3.2	
	Add--Out@add	/						2.0		3.2	
	In-Out@other	/						2.5		5.0	
Isolation @Add/ Drop Channel(dB)	Adjacent	/						≥30			
	Non-adjacent	/						≥40			
Insertion Loss Temperature Sensitivity (dB)		≤0.5						≤0.5			
Wavelength Temperature Shifting (nm/°C)		≤0.001						≤0.001			
Polarization Dependent Loss (dB)		≤0.2						≤0.2			
Polarization Mode Dispersion (ps)		≤0.1						≤0.1			
Directivity (dB)		≥45						≥45			
Return Loss (dB)		≥45						≥45			
Maximum Power Handling (mW)		300						300			
Operating Temperature (°C)		-10~+70						-10~+70			
Storage Temperature (°C)		-40~+85						-40~+85			
Package Dimension (mm)		L100 x W80 x H10			L120 x W80 x H18			L100 x W80 x H10		L120 x W80 x H18	
		19" 1U Rackmount						19" 1U Rackmount			

## Features

- Low insertion loss
- Wide pass band
- High channel isolation
- High stability and reliability
- Epoxy free on optical path
- ITU channel spacing(DWDM OADM Module)

Above specifications are for devices without connector.  
Specifications may change without notice.





NEW

## Performance Specifications

Parameter		1X2 CWDM Device (3 Ports)	100G,200G 1X2 DWDM Device(3 Ports)	
		4 Channels		
Channel Wavelength (nm)		1270~1610 or 1271~1611	ITU Grid	
Channel Spacing		20(nm)	100(GHz)	200(GHz)
channel Passband (@-0.5dB bandwidth) (nm)		≥13	≥0.22	≥0.5
Pass channel Insertion Loss (dB)		≤0.6	≤1.0	≤0.9
Reflection channel Insertion Loss (dB)		≤0.4	≤0.4	≤0.4
Isolation (dB)	Pass channel	≥30	≥30	
	Reflect channel	≥13	≥13	
Insertion Loss Temperature Sensitivity (dB)		≤0.3	≤0.3	
Wavelength Temperature Shifting (nm/°C)		≤0.001	≤0.001	
Polarization Dependent Loss (dB)		≤0.1	≤0.1	
Polarization Mode Dispersion (ps)		≤0.1	≤0.1	
Directivity (dB)		≥50	≥45	
Return Loss (dB)		≥45	≥45	
Maximum Power Handling (mW)		300	300	
Operating Temperature (°C)		-10~+70	-10~+70	
Storage Temperature (°C)		-40~+85	-40~+85	
Package Dimension (mm)	For 250μm,900μm	φ5.5 x L38	φ5.5 x L38	
	For 2.0mm,3.0mm	L90 x W20 x H10	L90 x W20 x H10	

## Features

- Low insertion loss
- Wide pass band
- High channel isolation
- High stability and reliability
- Epoxy free on optical path

Above specifications are for devices without connector.  
Specifications may change without notice.



# 56

## Mini CWDM



NEW

### Performance Specifications

Parameter		Specification				
Channel Number		4	8	8+E1	8+E2	18
Channel Wavelength (nm)		1270~1610 or 1271~1611				
Channel Spacing (nm)		20				
Passband (nm)	channels	±6.5				
	Upgrade port	/		1310+/-50	1260~1458	/
Isolation (dB)	Adjacent	≥30				
	Non-adjacent	≥40				
	Upgrade port	≥15				
Insertion Loss (dB)	channels	1.0	1.5	1.5	1.5	3.0
	Upgrade port	/		1.2	1.2	/
Fiber Type		Corning SMF-28 with 900μm loose tube				
Polarization Dependent Loss (dB)		≤0.2				
Polarization Mode Dispersion (ps)		≤0.2				
Directivity (dB)		≥50				
Return Loss (dB)		≥45				
Maximum Power Handling (mW)		500				
Operating Temperature (°C)		-10~+70				
Storage Temperature (°C)		-40~+85				
Package Dimension (mm)		8+1CH: L44 x W28 x h6.2 or L44 x W25 x H6.2 or L54 x W32 x H7.4 18CH : L50 x W50 x H6				

### Features

- Low insertion loss
- Wide pass band
- High channel isolation
- High stability and reliability
- Epoxy free on optical path





Micro Type



Cassette Type



Rack Type



Module Type 1



Module Type 2

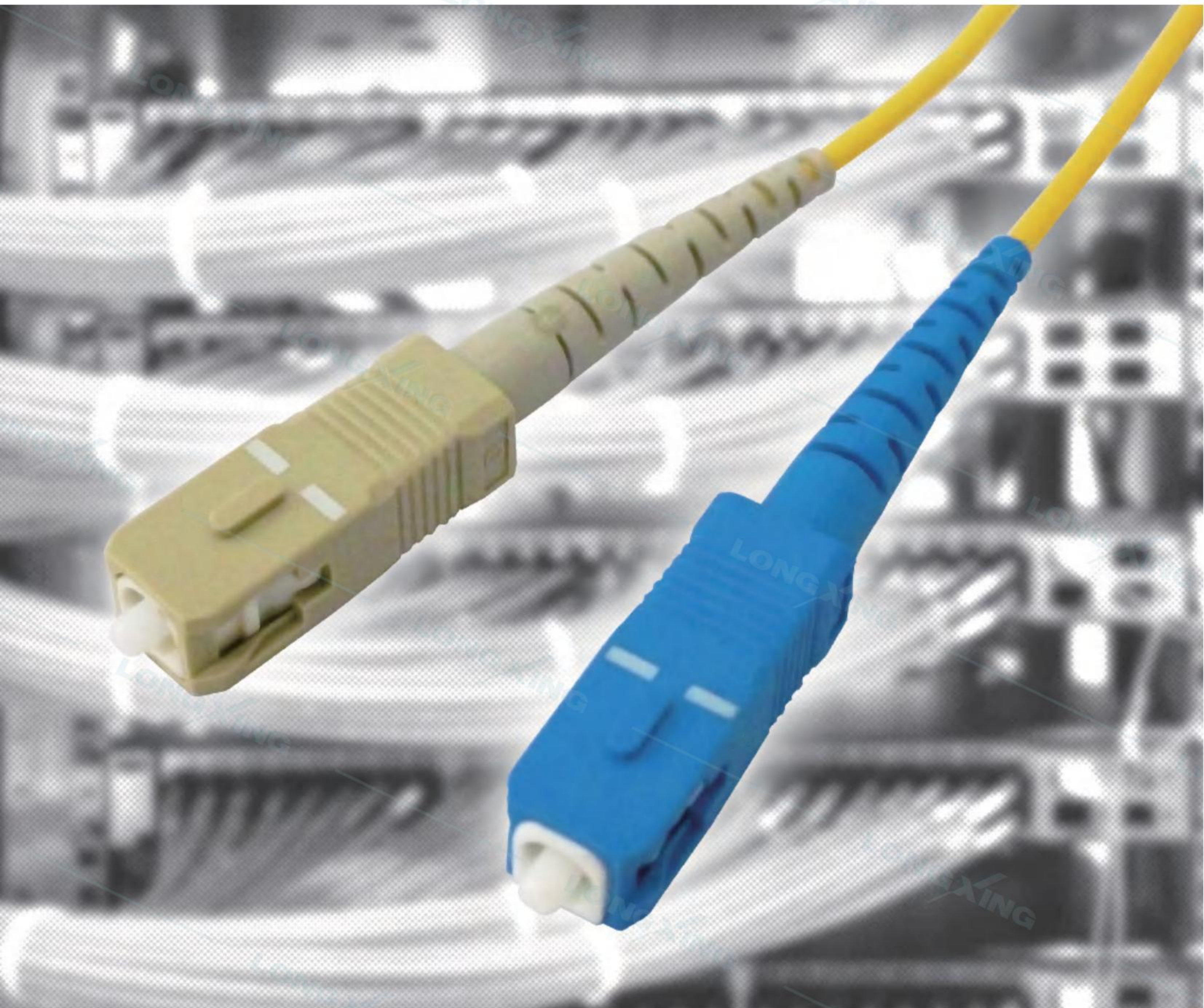
## Technical Specification 1 x N Series

Parameters	1x2	1x4	1x8	1x16	1x24	1x32	1x64	1x64
Operation wavelength (nm)	1260 - 1650							1310 ± 40 1490 ± 10 1550 ± 40
Insertion loss (dB)	≤ 4.3	≤ 7.4	≤ 10.7	≤ 13.9	≤ 15.8	≤ 17.2	≤ 21.5	≤ 20.1
PDL (dB)	≤ 0.2	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.5	≤ 0.3
Uniformity (dB)	≤ 0.3	≤ 0.8	≤ 1.0	≤ 1.4	≤ 1.4	≤ 1.6	≤ 2.0	≤ 1.6
Return loss (dB)	≥ 55							
Directivity (dB)	≥ 55							
Working / Storage Temperature (°C)	-40 ~ + 85							

## 2 x N Series

Parameters	2x4	2x8	2x16	2x32	2x64	2x64
Operation wavelength (nm)	1260 - 1650					1310 ± 40 1490 ± 10 1550 ± 40
Insertion loss (dB)	≤ 7.6	≤ 11.0	≤ 14.8	≤ 17.9	≤ 21.5	≤ 20.1
PDL (dB)	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.5	≤ 0.3
Uniformity (dB)	≤ 1.0	≤ 1.2	≤ 1.5	≤ 1.8	≤ 2.0	≤ 1.8
Return loss (dB)	≥ 55					
Directivity (dB)	≥ 55					
Working / Storage Temperature (°C)	-40 ~ + 85					





# Accessories

Accessories refer to a variety of components and tools that are used in the installation, maintenance and repair of fiber optic networks. They contain pigtails, patch cords, fast connectors, adapters and so on.



Scan for more details





## Patch Cord Catalog Number

T S S Y X FC A SC A 2

Fiber Type		
S	G652D	Single Mode
D	G655	
K	G656	
P	G657A1	
L	G657A2	Multi Mode
B	OM1(62.5/125μm)	
G	OM1(50/125μm)	
Q	OM2(50/125μm)	
W	OM3(50/125μm)	
Y	OM4(50/125μm)	
O	Other *	

Cable Type	
S	Simplex
D	Duplex
F	4 cores
E	8 cores
T	12 cores
O	Other *

Cable Colour	
Y	Yellow
B	Blue
W	White
O	Orange
G	Green
Z	Brown
S	Slate
R	Red
H	Black
P	Purple
F	Rose
A	Aqua

Assembly Length	
1-20	1-20 meters in 0.5 meter increments
20-100	20-100 meters in 5 meter increments
100+	over 100 meters in 10 meter increments

Polish B	
P	PC
U	UPC
A	APC
M	Multimode

Connector B	
FC	FC
SC	SC
LC	LC
ST	ST
E2	E2000
MU	MU
OO	Other *

Polish A	
P	PC
U	UPC
A	APC
M	Multimode

Connector A	
FC	FC
SC	SC
LC	LC
ST	ST
E2	E2000
MU	MU
OO	Other *

Cable Diameter	
X	0.9 mm
Z	2.0 mm
C	3.0 mm
O	Other *

### Ordering Example:

TSSYXFCASCA2 Patch Cord, G652D, Simplex, Yellow, 0.9mm, FC/APC-SC/APC, 2 meters

Note: \*If the required type of any item is not on the relevant list, please use letter "O" or "OO" as the red cells indicate, and kindly state the required type in the description of PO.

Version: T14



# 60 Pigtails



## Pigtail Catalog Number

W S S Y X FC A 2

Fiber Type		
S	G652D	Single Mode
D	G655	
K	G656	
P	G657A1	
L	G657A2	
B	OM1(62.5/125μm)	Multi Mode
G	OM1(50/125μm)	
Q	OM2(50/125μm)	
W	OM3(50/125μm)	
Y	OM4(50/125μm)	
O	Other *	

Assembly Length	
1-20	1-20 meters in 0.5 meter increments
20-100	20-100 meters in 5 meter increments
100+	over 100 meters in 10 meter increments

Polish	
P	PC
U	UPC
A	APC
M	Multimode

Cable Type	
S	Simplex
D	Duplex
F	4 cores
E	8 cores
T	12 cores
O	Other *

Connector	
FC	FC
SC	SC
LC	LC
ST	ST
E2	E2000
MU	MU
OO	Other *

Cable Colour	
Y	Yellow
B	Blue
W	White
O	Orange
G	Green
Z	Brown
S	Slate
R	Red
H	Black
P	Purple
F	Rose
A	Aqua

Cable Diameter	
X	0.9 mm
Z	2.0 mm
C	3.0 mm
O	Other *

### Ordering Example:

W SSYXFCA2 Pigtail, G652D, Simplex, Yellow, 0.9mm, FC/APC, 2 meters

**Note:** \*If the required type of any item is not on the relevant list, please use letter "O" or "OO" as the red cells indicate, and kindly state the required type in the description of PO.

Version: W14





## Connectors Catalog Number

FOC - [ ] [ ] [ ] [ ]

Fiber Core
S=Simplex
D=Duplex

Type
U=UPC
A=APC
M=Multimode

Joint Form
FC = FC
SC = SC
LC = LC
ST = ST
MU= MU
MP= MPO
E2 = E2000
OO= Other*

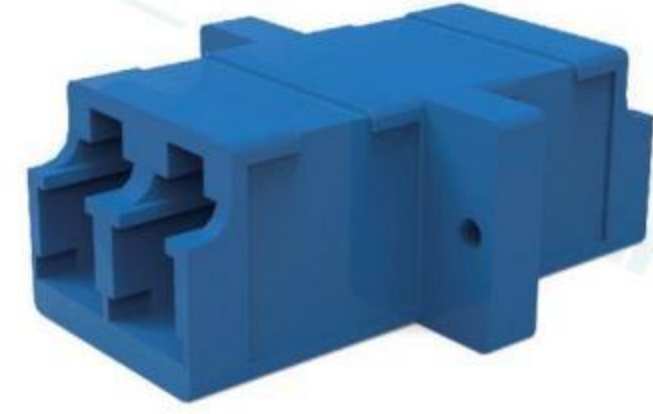
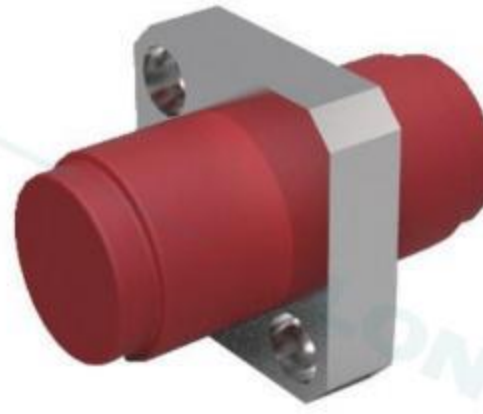
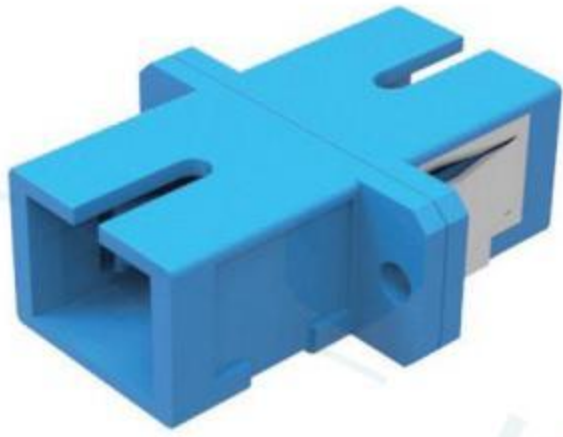
### Ordering Example:

FOC-SMUA Simplex, MU, APC

**Note :** \*If the required type of any item is not on the relevant list, please use "O" or "OO" as the red cells indicate, and kindly state the required type in the description of PO.



# 62 Adapters



## Adapter Catalog Number

FOA - [ ][ ][ ][ ]

Fiber Core
S=Simplex
D=Duplex

Type
U=UPC
A=APC
M=Multimode

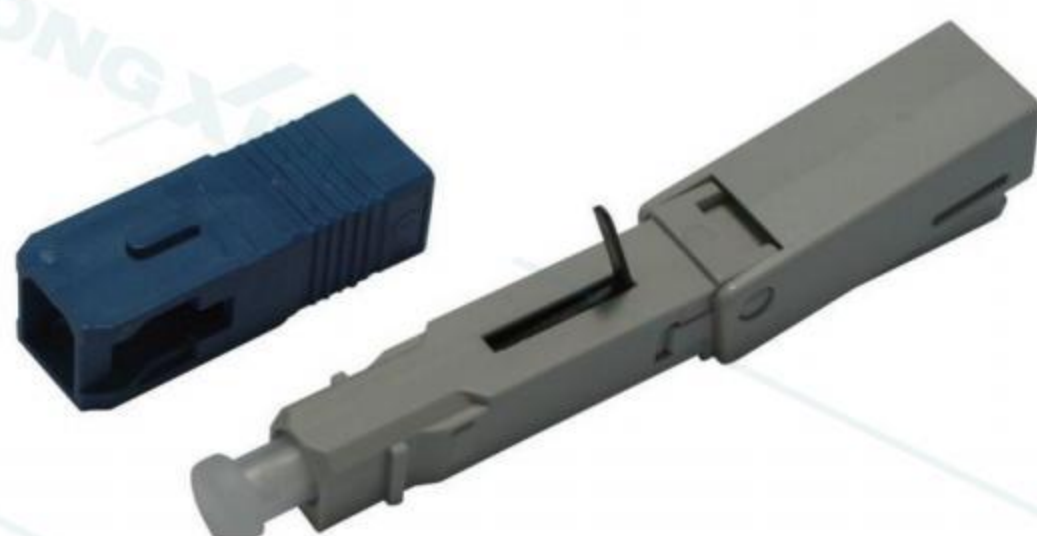
Joint Form
FC = FC
SC = SC
LC = LC
ST = ST
MU= MU
MP= MPO
E2 = E2000
OO= Other*

### Ordering Example:

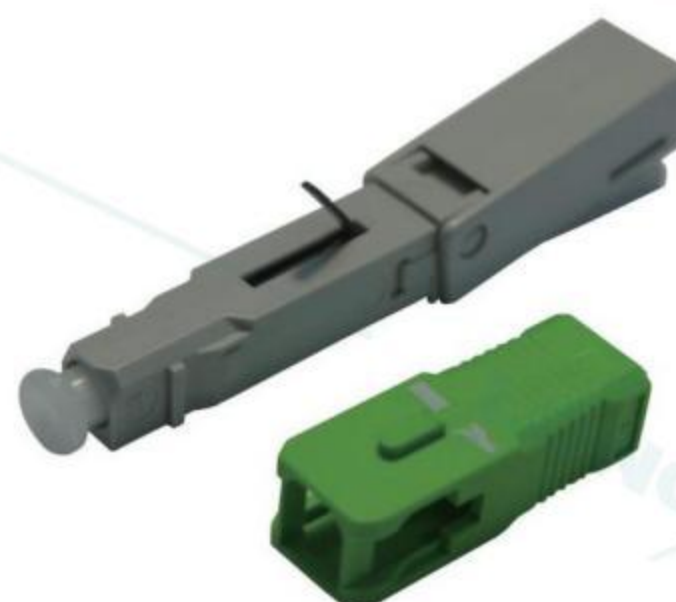
FOA-SFCU Simplex, FC, UPC

**Note :** \*If the required type of any item is not on the relevant list, please use "O" or "OO" as the red cells indicate, and kindly state the required type in the description of PO.





SC-UPC



SC-APC

## Technical Specifications

Plug Type	SC/UPC	SC/APC
Connector Length	51mm	51mm
Optical Fiber	2mm*3mm Butterfly Type	2mm*3mm Butterfly Type
Insertion Loss	Average $\leq 0.25\text{dB}$ , Max $\leq 0.5\text{dB}$	Average $\leq 0.4\text{dB}$ , Max $\leq 0.6\text{dB}$
Return Loss	$\geq 50\text{dB}$	$\geq 60\text{dB}$
Thermal Shock	$\leq 0.30\text{dB}$	
Storage / Operating Temperature	$-40 \sim +80$	
Tensile Strength	$\geq 30\text{ N}$	
Average Assembly Time	$\leq 2$ minutes	
Assembly Repeatability	$\geq 5$ times	
One-Time Assembly Yield	$\geq 98\%$	



## Technical Specifications

Insertion Loss	Average $\leq 0.2\text{dB}$ , Max $\leq 0.4\text{dB}$
Return Loss	UPC $\geq 40\text{dB}$ , 55dB typical at 25 degrees C + 5degrees APC $\geq 55\text{dB}$ , 60dB typical at 25 degrees C +/- 5degrees
One-Time Assembly Yield	$\geq 97\%$
Assembly Repeatability	$\geq 5$ times
Average Assembly Time	$\leq 3$ minutes
Life-Time	$\geq 30$ years
Tensile Strength	$\geq 30\text{N}$ (2.0x3.0 drop cable)
Operation Temperature	$-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$



# 64 Fast Connectors

Type A, C  
Hinged Structure



Type B, BS  
Press-Fit Structure



Type E  
Extra Strength



Type F\*  
Splice-On



Model	External Dimensions (L*W)	Housing Length	Cap Length	Fiber Diameter	Insertion Loss		Return Loss		Fiber Retention Force
					APC	UPC	APC	UPC	
A	57mm*9mm	24.9mm	16.5mm	3.0*2.0mm drop cable; 3.0mm; 2.0mm	Avg $\leq 0.25\text{dB}$ ; Max $\leq 0.4\text{dB}$		Min. > 55dB Typ. > 55dB	Min. > 45dB Typ. > 50dB	< 30N ( < 0.2dB with impressed Pressure )
B	55mm*9mm	24.9mm	23.5mm				Min. > 50dB Typ. > 50dB	Min. > 40dB Typ. > 45dB	
C	60mm*9mm	24.9mm	16.5mm				Min. > 55dB Typ. > 55dB	Min. > 45dB Typ. > 50dB	
D	50mm*9mm	20mm	23.5mm						
E	50mm*9mm	20mm	23.5mm						
F*	83mm*9mm Fusion Length 28.5mm*3mm	24.9mm	23.5mm	3.0*2.0mm drop cable; 3.0mm; 2.0mm; 0.9mm	$\leq 0.2\text{dB}$	$\leq 0.2\text{dB}$	> 60dB	> 50dB	60N



## Cable Management Spools



T01



T02



T03



T04



T05



T06



T07



T08



T09



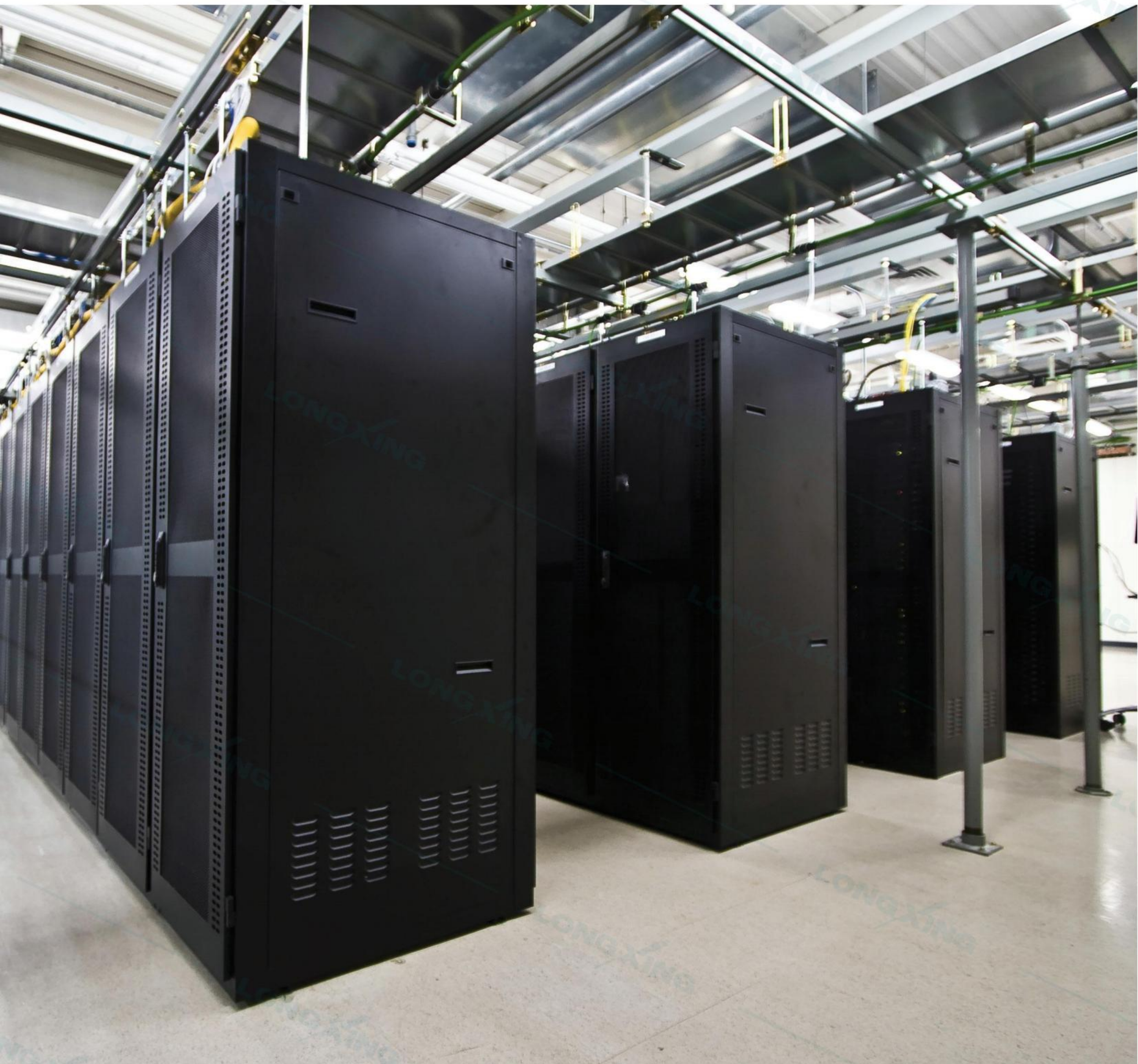
T10



T11

Part Number	Height (mm)	Dimensions (mm)			
		Inner Width	Maximum Width	Inner Depth	Maximum Depth
T01	28	80	80	40	50
T02	26	65	65	32	42
T03	15	80	118	54	74
T04	30	80	120	55	75
T05	65	54	54	20	35
T06	45	55	55	20	37
T07	55	70	110	35	57
T08	80	80	80	40	50
T09	29	80	105	38	53
T10	14	78	120	38	60
T11	23	68	68	30	40





# Network Cabinets

- LongXing Z9 Series Network Cabinet solutions for advanced storage, cooling, power distribution, cable management and security in data centres and network rooms.
- Designed to accommodate today's powerful computing hardware and scalable to cater for emerging high end blade server and equipment technologies that are rapidly appearing over the horizon - the world and the data centre environment is changing and a new generation of rack solutions is born for this change - it is the Z9 Series.



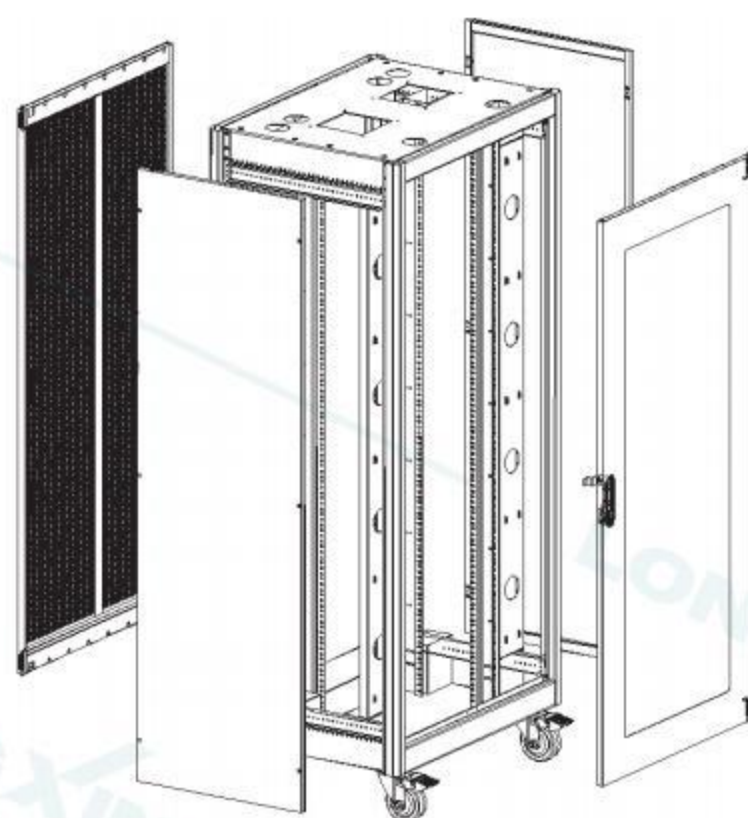
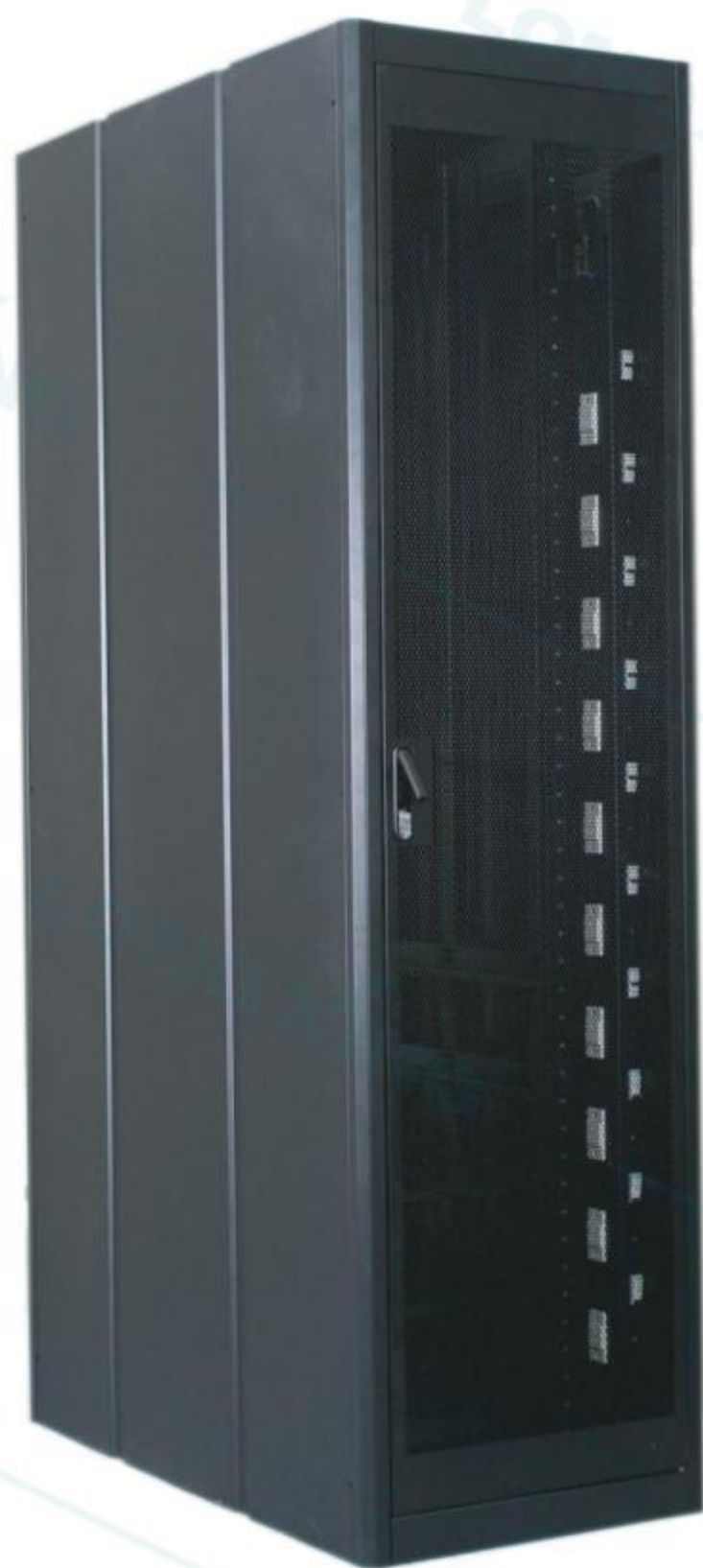
Scan for more details



## Z9 Series Network Cabinet

### Features

- Top quality steel with cover by electrostatic painted ensures the strong body and pleasing appearance.
- The cabinets are classified as wide and narrow racks.
- Grounding kit and warn unit available.





# 68 Network Cabinet

Model No.		Width		Depth				Height			
				Overall		Effective		Overall		Effective	
		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
47U	Z9-0606	600	24"	600	24"	540	21"	2382	94"	2272	89"
	Z9-0608	600	24"	800	31"	740	29"	2382	94"	2272	89"
	Z9-0609	600	24"	900	35"	840	33"	2382	94"	2272	89"
	Z9-0610	600	24"	1000	39"	940	37"	2382	94"	2272	89"
	Z9-0611	600	24"	1100	43"	1040	41"	2382	94"	2272	89"
	Z9-0612	600	24"	1200	47"	1140	45"	2382	94"	2272	89"
	Z9-0706	700	28"	600	24"	540	21"	2382	94"	2272	89"
	Z9-0708	700	28"	800	31"	740	29"	2382	94"	2272	89"
	Z9-0709	700	28"	900	35"	840	33"	2382	94"	2272	89"
	Z9-0710	700	28"	1000	39"	940	37"	2382	94"	2272	89"
	Z9-0711	700	28"	1100	43"	1040	41"	2382	94"	2272	89"
	Z9-0712	700	28"	1200	47"	1140	45"	2382	94"	2272	89"
	Z9-0806	800	31"	600	24"	540	21"	2382	94"	2272	89"
	Z9-0808	800	31"	800	31"	740	29"	2382	94"	2272	89"
	Z9-0809	800	31"	900	35"	840	33"	2382	94"	2272	89"
	Z9-0810	800	31"	1000	39"	940	37"	2382	94"	2272	89"
	Z9-0811	800	31"	1100	43"	1040	41"	2382	94"	2272	89"
	Z9-0812	800	31"	1200	47"	1140	45"	2382	94"	2272	89"
42U	Z9-0606	600	24"	600	24"	540	21"	2160	85"	2050	81"
	Z9-0608	600	24"	800	31"	740	29"	2160	85"	2050	81"
	Z9-0609	600	24"	900	35"	840	33"	2160	85"	2050	81"
	Z9-0610	600	24"	1000	39"	940	37"	2160	85"	2050	81"
	Z9-0611	600	24"	1100	43"	1040	41"	2160	85"	2050	81"
	Z9-0612	600	24"	1200	47"	1140	45"	2160	85"	2050	81"
	Z9-0706	700	28"	600	24"	540	21"	2160	85"	2050	81"
	Z9-0708	700	28"	800	31"	740	29"	2160	85"	2050	81"
	Z9-0709	700	28"	900	35"	840	33"	2160	85"	2050	81"
	Z9-0710	700	28"	1000	39"	940	37"	2160	85"	2050	81"
	Z9-0711	700	28"	1100	43"	1040	41"	2160	85"	2050	81"
	Z9-0712	700	28"	1200	47"	1140	45"	2160	85"	2050	81"
	Z9-0806	800	31"	600	24"	540	21"	2160	85"	2050	81"
	Z9-0808	800	31"	800	31"	740	29"	2160	85"	2050	81"
	Z9-0809	800	31"	900	35"	840	33"	2160	85"	2050	81"
	Z9-0810	800	31"	1000	39"	940	37"	2160	85"	2050	81"
	Z9-0811	800	31"	1100	43"	1040	41"	2160	85"	2050	81"
	Z9-0812	800	31"	1200	47"	1140	45"	2382	94"	2272	89"
18U	Z9-0606	600	24"	600	24"	540	21"	1070	42"	1000	24"
14U	Z9-0606	600	24"	600	24"	540	21"	870	34"	800	31"
10U	Z9-0606	600	24"	600	24"	540	21"	670	26"	600	24"

Overall Height: w/ castors  
Effective Height: w/o castors

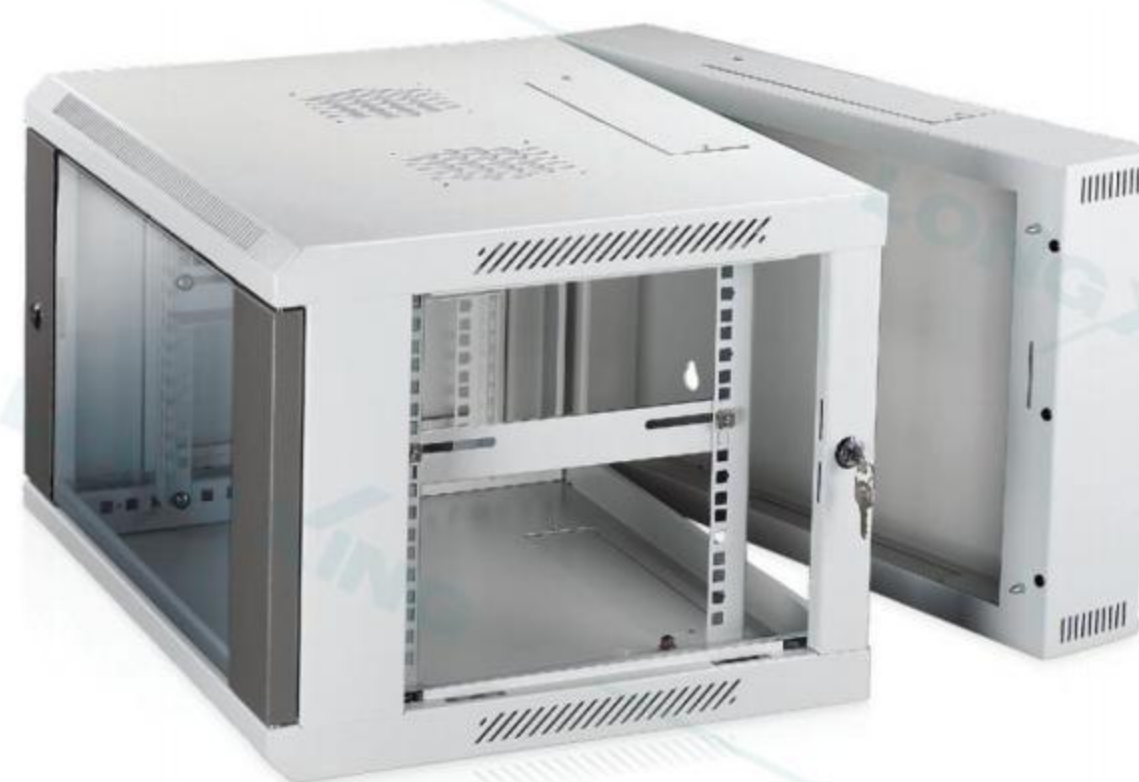
Overall Depth: Door to Door  
Effective Depth: Frame to Frame



## LX-IWMC series

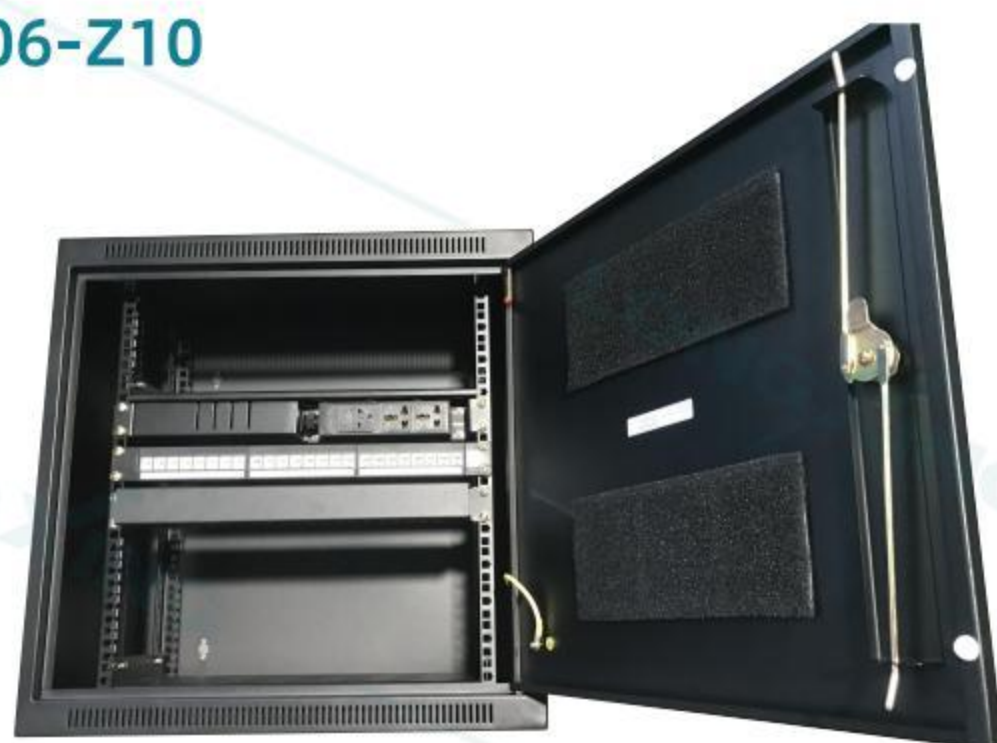


Type A



Type B

## NPX06-Z10



## Dimensions and Specification

Type		Height (mm)	Width (mm)	Depth (mm)	Packaging Dimension(flat packing)
LX-IWMC	6U_6045	6U-370	600	450	620*470*250mm
	9U_6045	9U-500	600	450	620*520*250mm
	12U_6045	12U-635	600	450	620*650*170mm
	15U_6045	15U-770	600	450	620*790*170mm
	6U_6060	6U-370	600	600	620*620*250mm
	9U_6060	9U-500	600	600	620*620*250mm
	12U_6060	12U-635	600	600	620*650*250mm
	15U_6060	15U-770	600	600	620*790*250mm
	12U_6015	12U-635	600	150	620*650*170mm
NPX06-Z10	Square Corner	550	600	350	/

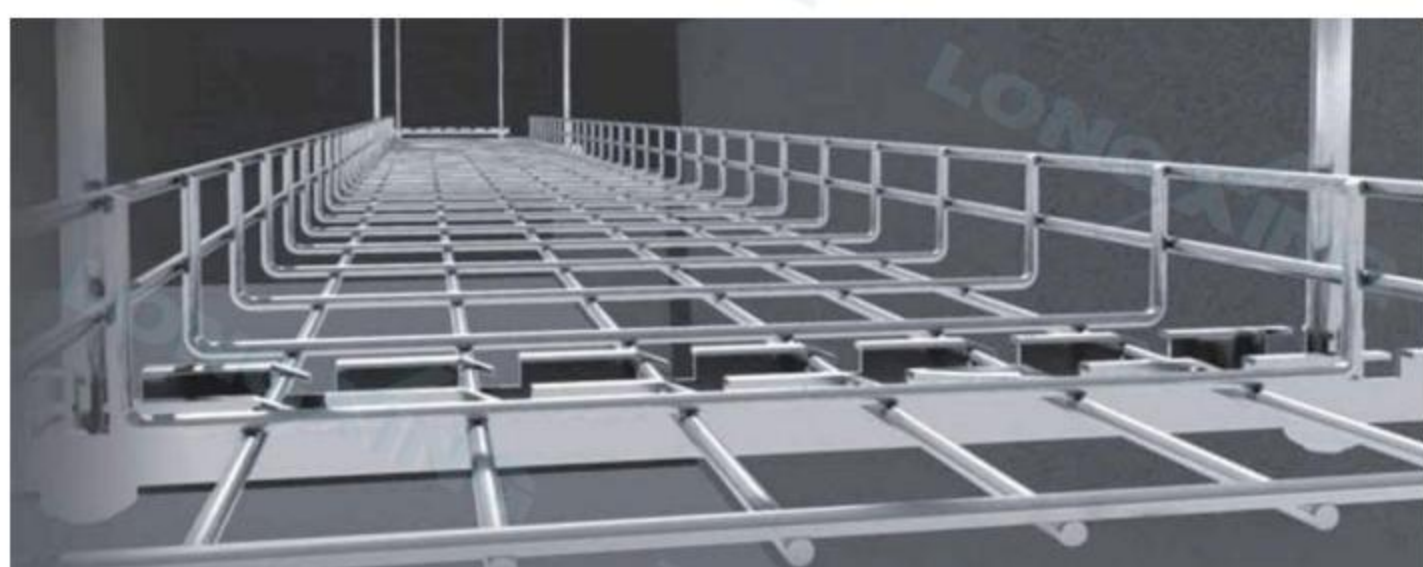


# Cable Trays

Optical cable trays designed to protect and route fiber optic patch cords, cable assemblies to and from network cabinets, ODF and other terminal devices. They offer ideal solutions for optical raceway requirements and application with pleasing appearance and easy maintenance.



Scan for more details











Scan for more details

# Power Managements

Longxing Power management system contains rectifier modules, monitoring system, power supply, power distribution units and busbar trucking system. They can be found in a wide range of applications, including homes, buildings, industries, power generation, transportation, and communication.





48V 1800W



48V 3000W

### Applications

- BTS, fiber and switch telecom
- Network access
- Data center, powers server and computer
- Self protection and reliability

### Design Standards

- Safety: IEC 60950-1
- EMC: EN 61000-6
- Environment: ETSI EN 300 019-2  
RoHS compliant

### AC Input

Voltage	85Vac~ 300Vac(nominal 100Vac to 240Vac)
Frequency	45Hz-65Hz
Power factor	$\geq 0.99$ @220Vac/50A
Input pretecton	L-line fuse 15A Varistors for transient protection

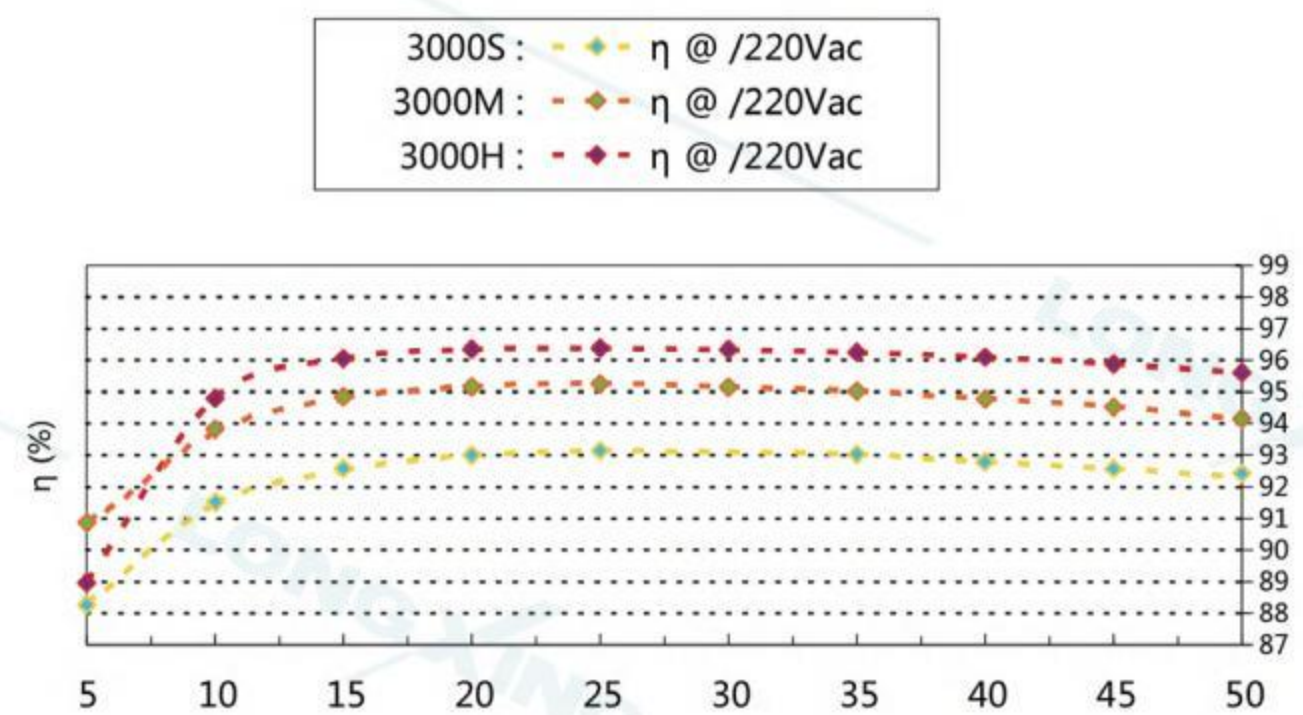
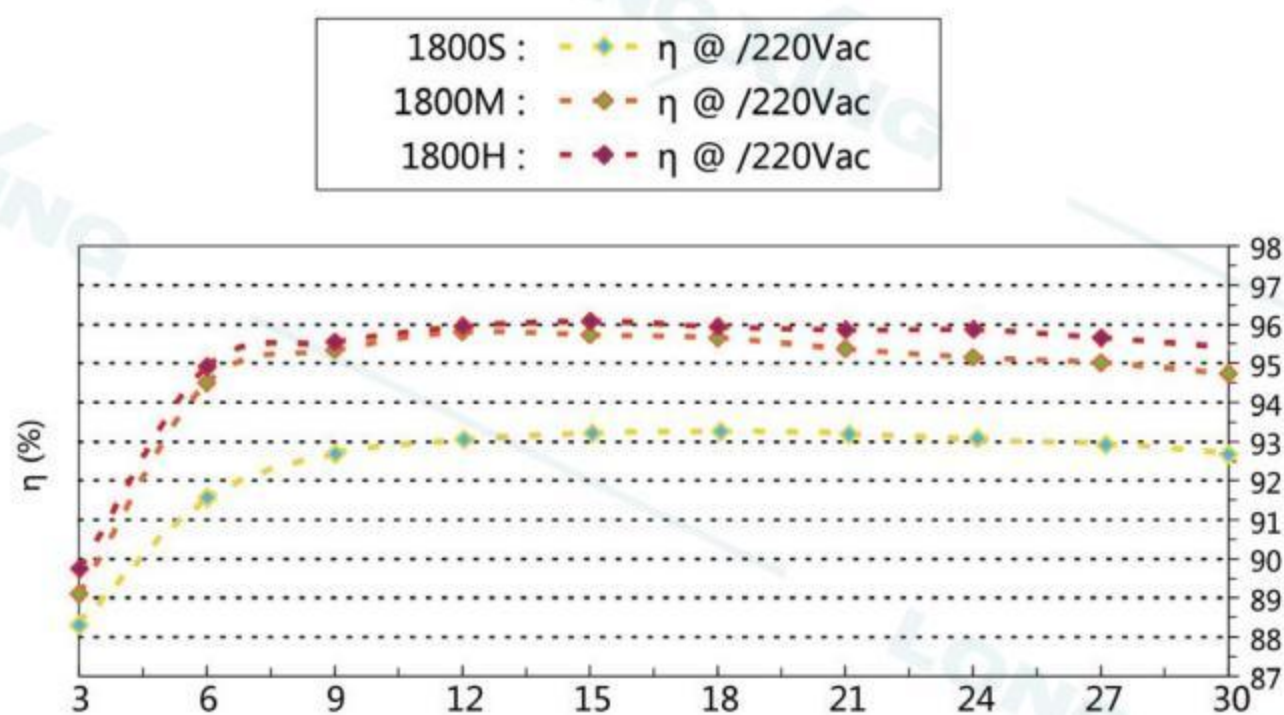
### DC Output

Voltage	+53.5Vdc
Output power	1800W(154Vac~300Vac), 900W(85Vac~154Vac)
Maximum current	33A
Current sharing	5%
Dynamic voltage regulation	$\pm 5.0\%$ for 10-90% or 90-10% loadvariation, regulation time < 200us
load regulation	$\pm 0.5\%$ from 10% to 100% load
Ripple and noise	< 200 mV peak to peak, 30 MHz bandwidth, < 2 mV rms psophometric
Output protection	Overvoltage shutdown Hot swappable - Inrush current limiting Fuse Short circuit proof High temperature protection

### Efficiency

Standard	$\geq 95.0\%$ @220Vac@peak, $\geq 94.0\%$ @220Vac@100% load
High	$\geq 96.8\%$ @220Vac@peak, $\geq 95.5\%$ @220Vac@100% load

### Output Current-Efficiency Curve





# 74 Monitoring System

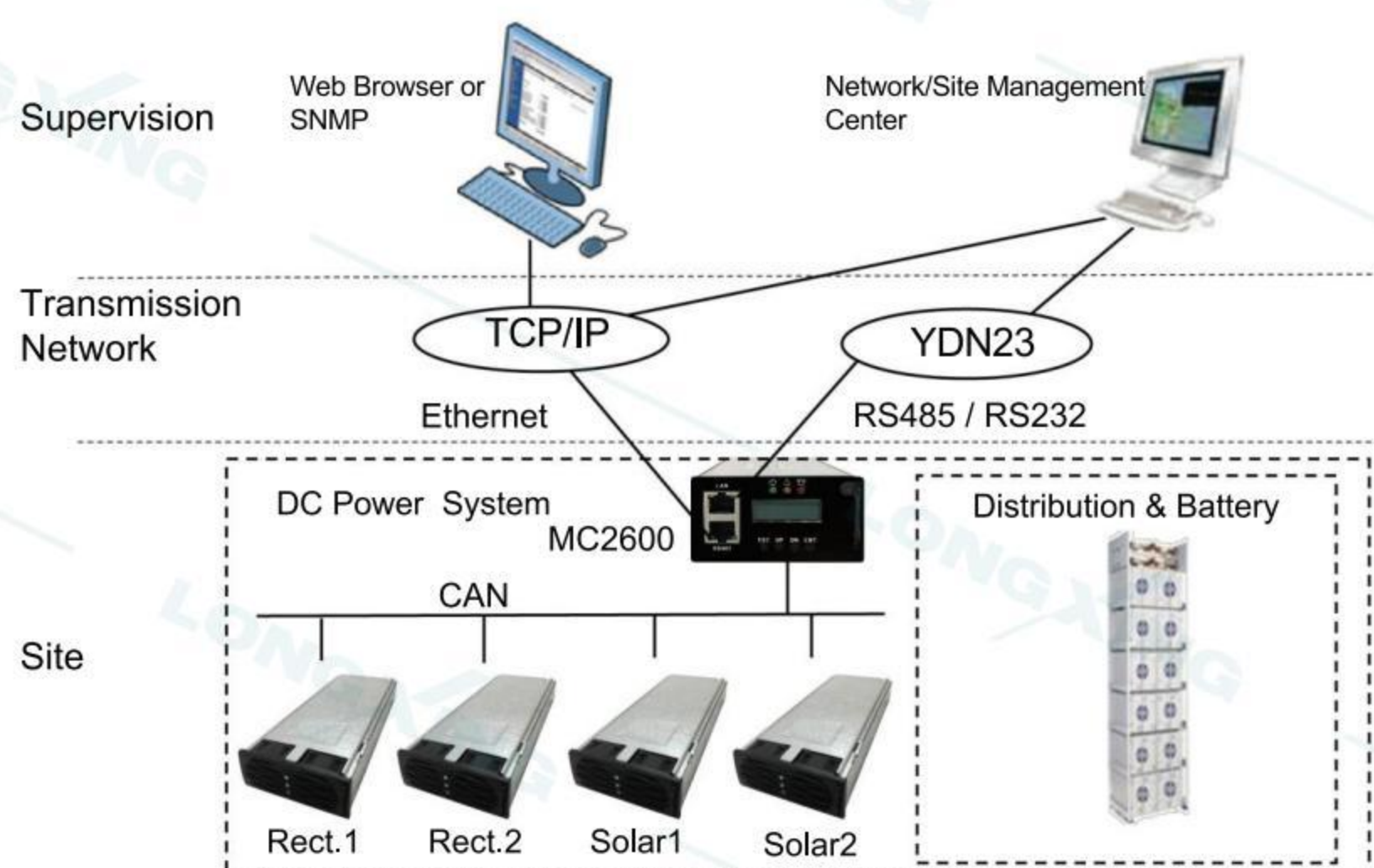
MC2600 is the new generation DC power controller module developed by LONGXING. The Controller module adopts ARM 32-bit Cortex-M4 CPU as primary controller, and RTOS as system platform. MC2600 offers many features and functions, and a more robust, user-friendly, and easy-to-use interface.



## Key Functions

Measurement	Analog value measurement
	Digital value measurement
Communication	The Controller can communicate with the host computer in 2 modes: RS485 and Ethernet (WEB and SNMP). It can communicate with rectifier and solar modules in CAN bus mode
	2 southbound RS485 for battery BMS or extension function boards
	For remote and local monitor system via WEB browser, controlling, parameters upload/download, data load
	SNMP protocol supports GET, SET and TRAP on Ethernet
DI/DO	8+1 user digital input interfaces freely configurable
	8 groups of dry contact outputs freely configurable
Screen and Leds	128*32 LCD screen display running information and local setting interface
	Green/Yellow/Red LEDS indicate running status for local instant diagnose
Alarm history, event history store	1000 alarms history and 1000 events history store, FIFO for system analysis
Data log store(advanced version)	2000 data logs including bus voltage, load current, battery current and temperature with time tag

## Site Monitoring Solution







481000C



48500S



48400S



48200S



48200B



48120S



4890S



4860S

## Overview

Longxing's power supply system is specially designed to meet the demand for compact, flexible, high performance, high reliability power supply. The system consists of high/medium/standard efficiency rectifier modules of their mixture, a MC2600 monitor module, AC/DC distributors.

### More relevant designs for your reference

Item	Mounting	Capacity	Reference Dimensions(mm)	Rectifier	Rectifier
4860S	Rack-mounted	48V 60A	1Ux482.6x378	1800	2
4090S	Rack-mounted	48V 90A	3Ux482.6x378	1800	3
48120S	Rack-mounted	48V 120A	6Ux482.6x378	1800	4
48200S	Rack-mounted	48V 200A	6Ux482.6x378	3000	4
48400S	Rack-mounted	48V 400A	9Ux482.6x378	3000	8
48500S	Rack-mounted	48V 500A	10Ux482.6x378	3000	10
48200B	Wall-mounted	48V 200A	701.5x500x350	3000	4
481000C	Indoor	48V 1000A	2200x600x600	3000	20

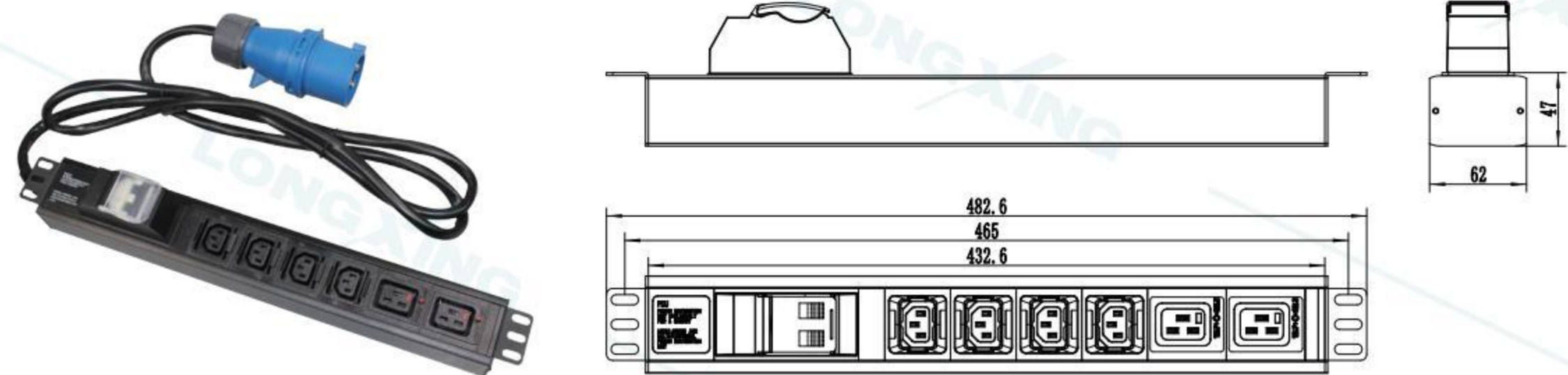
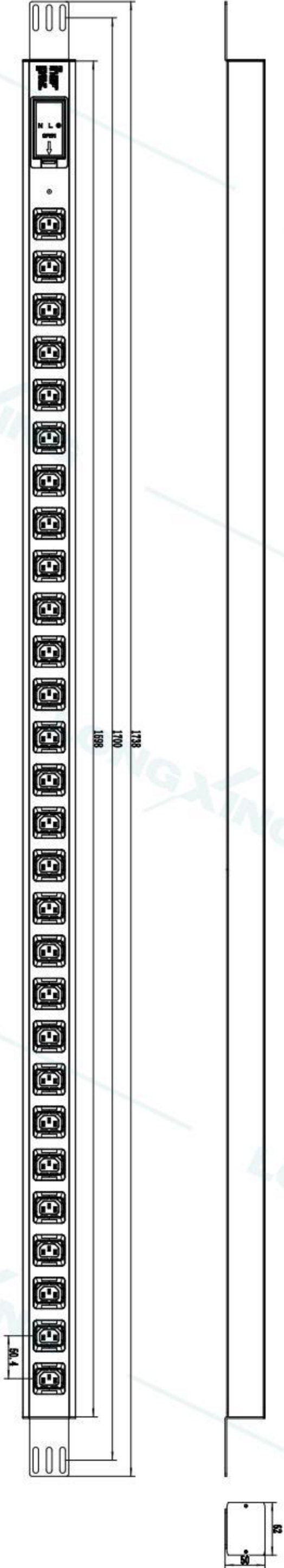


LongXing's Rack Power Distribution Unit (PDU) System is a family of products that delivers power and management to connected IT equipment through a global and comprehensive offering including Basic, Managed and Adaptive Rack PDU systems.

Each of the Rack PDU systems LongXing offers is well-suited for delivering power to sensitive, high capacity,rack-mounted equipment. Determining which is best for a particular installation requires knowing the basic power requirements of the equipment in the rack, deciding on the acceptable or preferable level of monitoring and control and then balancing those considerations against siteRequirements.

The LongXing Rack PDU product line includes models to fit all types of installations: new or estab lished;stable or rapidly changing; contracting or expanding. Each type of installation may requireany or all types of LongXing Rack PDUs.

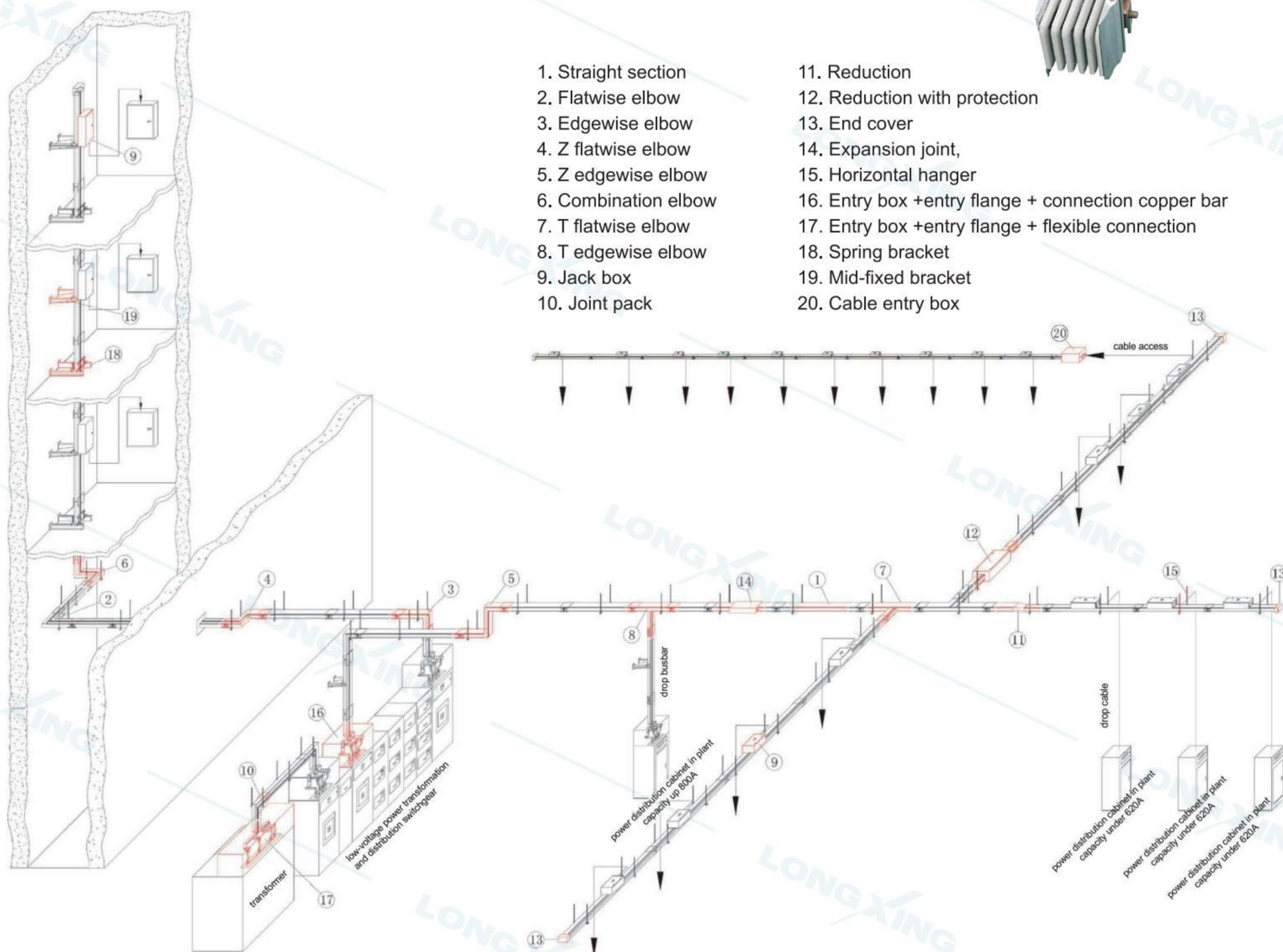
After determining your requirements, refer to the data and specifications for each product.



Optional Output Units				
IEC	IEC60320 C13 Anti-shedding	IEC60320 C14	IEC60320 C20	IEC60320 C19
Australia	AS/NZS 3112(A)		AS/NZS 3112(K)	
France	NFC61-314(1U)		NFC61-314(1.5U)	
Germany	DIN49440(1U)		DIN49440(1.5U)	
Israel	SI 32			
Italy	Italy Universal	IEC60320 C13 Anti-shedding	IEC60320 C19 Anti-shedding	IEC60320 C13
South Africa	RSA546			
United Kingdom	BS1363(1U)		BS1363(1.5U)	BS1363(EA)
United States	NE MA5-20R		NE MA5-15R	



FCM-II compact type busbar system fully comes from the technology form UK Gardermoen Electric, and it's also combined with the electrical environment, enjoys elaborate R&D, safe and reliable performance, and also attractive appearance. The product conforms to GB7251 and IEC60439 standard, with the rated voltage 1000V, rated current ranges from 400A to 6300A, 16A to 1250A plug-in current, and the max protection IP66, it can be applicable to 3P3W, 3P4W and 3P5W system etc. FCM-II enjoys the best overall performance in low voltage busbar field, and gets a wide use in large commercial plaza, high-rise buildings, intelligent building, gymnasium, industrial factories, hospitals and other important occasions.





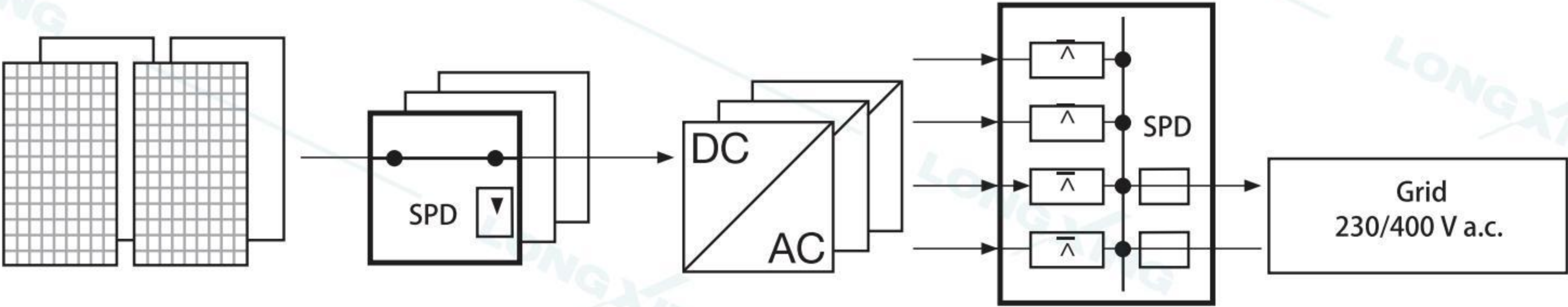
# 78 DC Combiner Box



### Features

- Easy to install.
- Degree of protection IP 66.
- Salt fog resistance can up to 500 hours.
- High precision monitoring system avoids any emergencies.
- It can be widely used in outdoor areas with its lightning prevention.
- High density material provides a security for long term using.

Parameter				
Model	SDPD-ZL-G1-12	SDPD-ZL-G13-16	SDPD-ZL-G17-20	SDPD-ZL-G21-24
Rated voltage	DC 1500W	DC 1500W	DC 1500W	DC 1500W
Max parallel input route	1~12	13~16	17~20	21~24
Output routes	1	1	1	1
Rated current of fuse (A)	15/20/25/30/32/35/40 (Fuse specifications can be selected according to the component)			
Rated current of breaker (A)	160~630A			
String wire diameter (mm2)	4~6			
Output wire diameter (mm2)	2*50-500			
Ground wire diameter(mm2)	≥16			
Operating temperature	-25 ~ +50℃			
Storage temperature	-40 ~ +70℃			
Product size(H*W*D)	700*500*160mm	850*600*160mm	1000*600*200mm	1100*600*200mm





NEW



## Features

- Easy to install.
- Degree of protection IP 66.
- Salt fog resistance can up to 500 hours.
- High precision monitoring system avoids any emergencies.
- It can be widely used in outdoor areas with its lightning prevention.
- High density material provides a security for long term using.

Parameter		AC 400V/690V				
Model		SDPD-JL-*V-2-400	SDPD-JL-*V-3-400	SDPD-JL-*V-4-400	SDPD-JL-*V-5-400	SDPD-JL-*V-6-400
Input circuits		2	3	4	5	6
Output circuits		1				
Suitable circuits		Three phase five wires/Three phase four wires				
Rated operating voltage		400V/690V				
Single loop input/output current	36KW inverter	80A/160A	80A/250A	80A/315A	80A/400A	80A/500A
	50KW inverter	100A/200A	100A/315A	100A/400A	100A/500A	100A/630A
	60KW inverter	125A/250A	125A/350A	125A/500A	125A/630A	125A/630A
	80KW inverter	160A/315A	160A/500A	160A/630A	/	/
Operating temperature		-25 ~ +50°C				
Storage temperature		-40 ~ +70°C				
Product size(H*W*D)		500*600*180mm	500*600*180mm	500*600*180mm	500*600*180mm	500*600*180mm

Parameter		AC 690V		
Model		SDPD-JL-2	SDPD-JL-3	SDPD-JL-4
Input circuits		2	3	4
Output circuits		1		
Suitable circuits		Three phase four wires/Three phase three wires		
Rated operating voltage		800V		
Single loop input current		0-250V		
Output current		250-800V		
Operating temperature		-25 ~ +50°C		
Storage temperature		-40 ~ +70°C		
Product size(H*W*D)		600*750*180mm	700*750*180mm	850*800*180mm



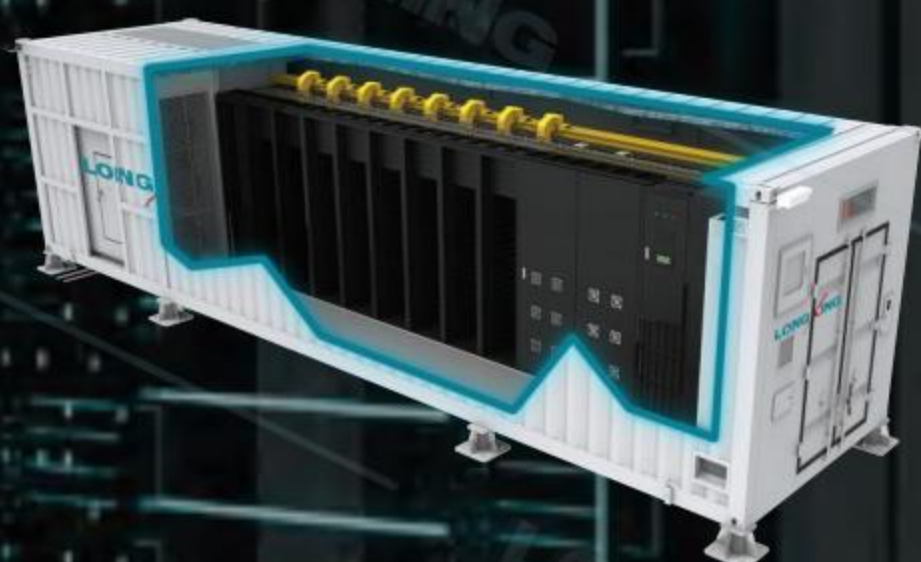
# DATA CENTRE

All-in-one data centre solutions  
Reliable, stable and green environment for IT equipment  
Multiple industries and scenarios applications  
Easy expansion & flexible management



**CabiCentre**

All-in-one Mini Data Centre



**Containerised Data Centre**

Prefabricated All-in-one Data Centre



**Micro Data Centre**

Rapidly-arranged, All-in-one Data Centre















Scan for more details



An expert designed, pre-configured, self-contained and factory tested all-in-one cabinet that provides solution for edge applications and satisfies small business IT requirements.



Technical Specifications	
Dimensions (H*W*D)	2200mm*600mm*1100mm
Usable Rack Space	27U
Air Conditioner	Integrated
Floor Area (incl. service space)	1.38m <sup>2</sup>
Color	Black (RAL 9005)
Display	10.1" Touch Screen
Display Languages	English / Chinese
Auto LED Lighting	2, Front & Rear
UPS Capacity	6kVA
UPS Backup Time	20-60 minutes @ 3.5kW
System Capacity	3.5kW
System Input Requirement	Single Phase 110V/220 V-240 V
Power Distribution Units (PDU)	16A input, IEC
Lightning Protection / Surge Suppression	Level 3, 20KA
Cooling Capacity	3.5kW
Emergency Fan	Optional
System Management (UPS/Cooling/PDU)	Yes
Temperature Sensor	6
Water Leak Detector	1
Door Access Sensor	2
Net Weight	330KG
Warranty	2 years

Typical Edge Applications	CabiCentre		Typical Edge Applications	CabiCentre	
 Renovation	Required	Minimum	 Power Supply	Separate tower UPS + battery stand	Pre-installed and wired
 Design	Required in advance	Proven solution	 Power Distribution	Low integration, wall mount	Integrated with lightning protection
 Installation	Complicated with different suppliers	Plug & play	 Cooling	High	Minimal
 Cabling	Hard to organise	Factory settled	 Monitoring	Complex for integrating all systems	Integrated and tested
 Set Up Time	15-20 days	1 day	 Appearance	Neat & organized	Standard network cabinet looking
 Floor Area	10-20 sqm	1.38 sqm	 Service	By different suppliers	LongXing



# 82 Data Center | CabiCentre

## Remote Monitoring System

### SIGNAL

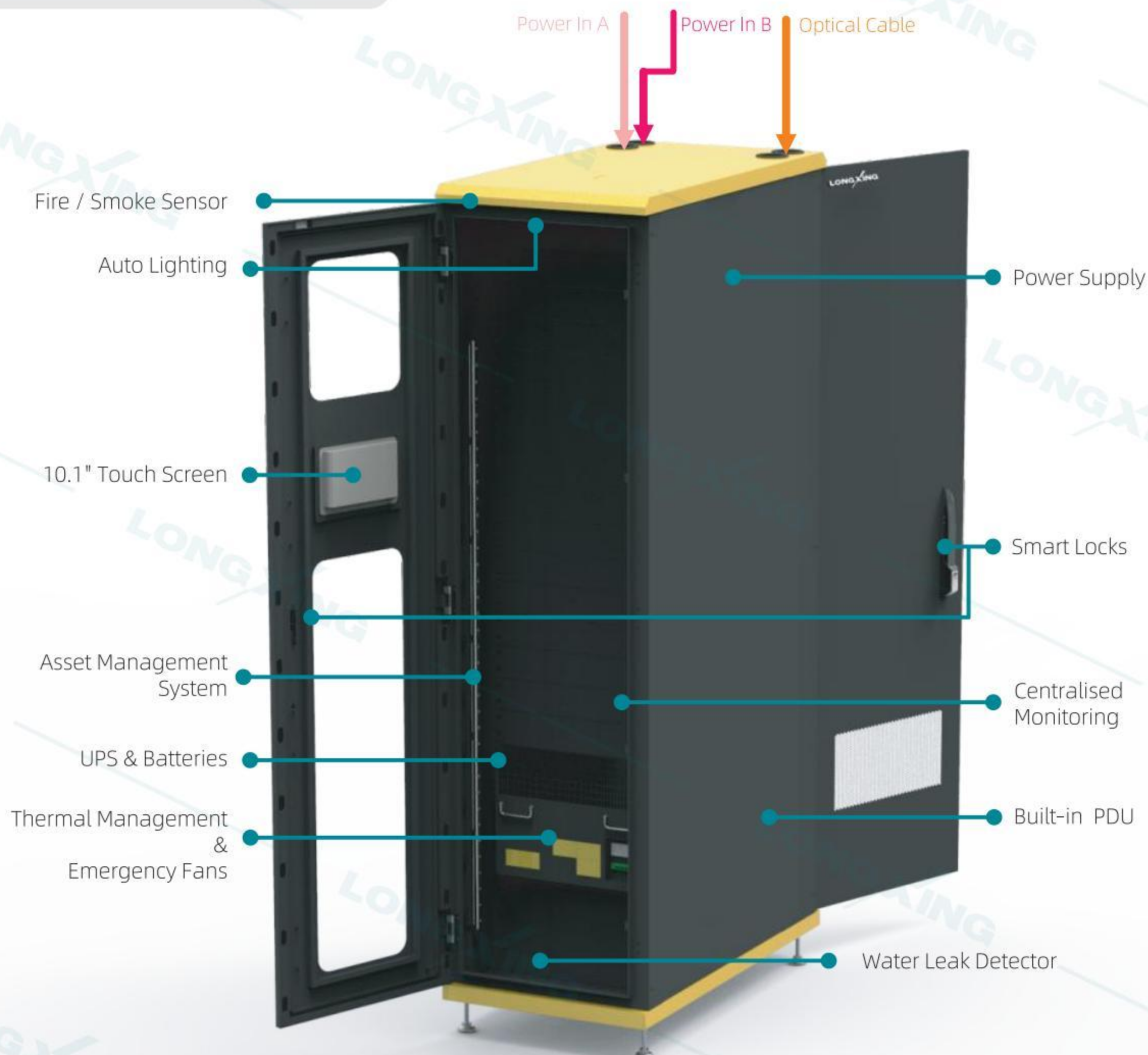
- Door Alarm
- Fire / Smoke Alarm
- Water Leak Alarm

### DATA

- Temperature
- Humidity
- Power Consumption
- PDU
- Space Usage
- Asset Management System

### CONTROL

- A.C. /Cooling
- Door Access
- Equipment





## Prefabricated All-in-one Data Centre



**HUMIDITY (RH)**  
External: 5% ~ 100%  
Internal: 20% ~ 80%



**TEMPERATURE**  
External: -40°C ~ +55°C  
Internal: Cold aisle temp: +18°C~+27°C



**ALTITUDE**  
≤1000m



**SOLAR RADIATION INTENSITY**  
1120 W/m<sup>2</sup>



**DUSTPROOF and WATERPROOF**  
IP55



**ANTI-SEISMIC**  
VIII degrees (horizontal acceleration: 0.25g;  
vertical acceleration: 0.125g)



**ANTI-THEFT**  
Meet requirements of EN 1627~EN 1630 Class 3



**FILTH RATING**  
IV (climb: 3.1cm/kV, by maximum operating voltage meter)



**RACK**  
8\*52U IT rack



**MONITORING**  
Remote monitoring system supported



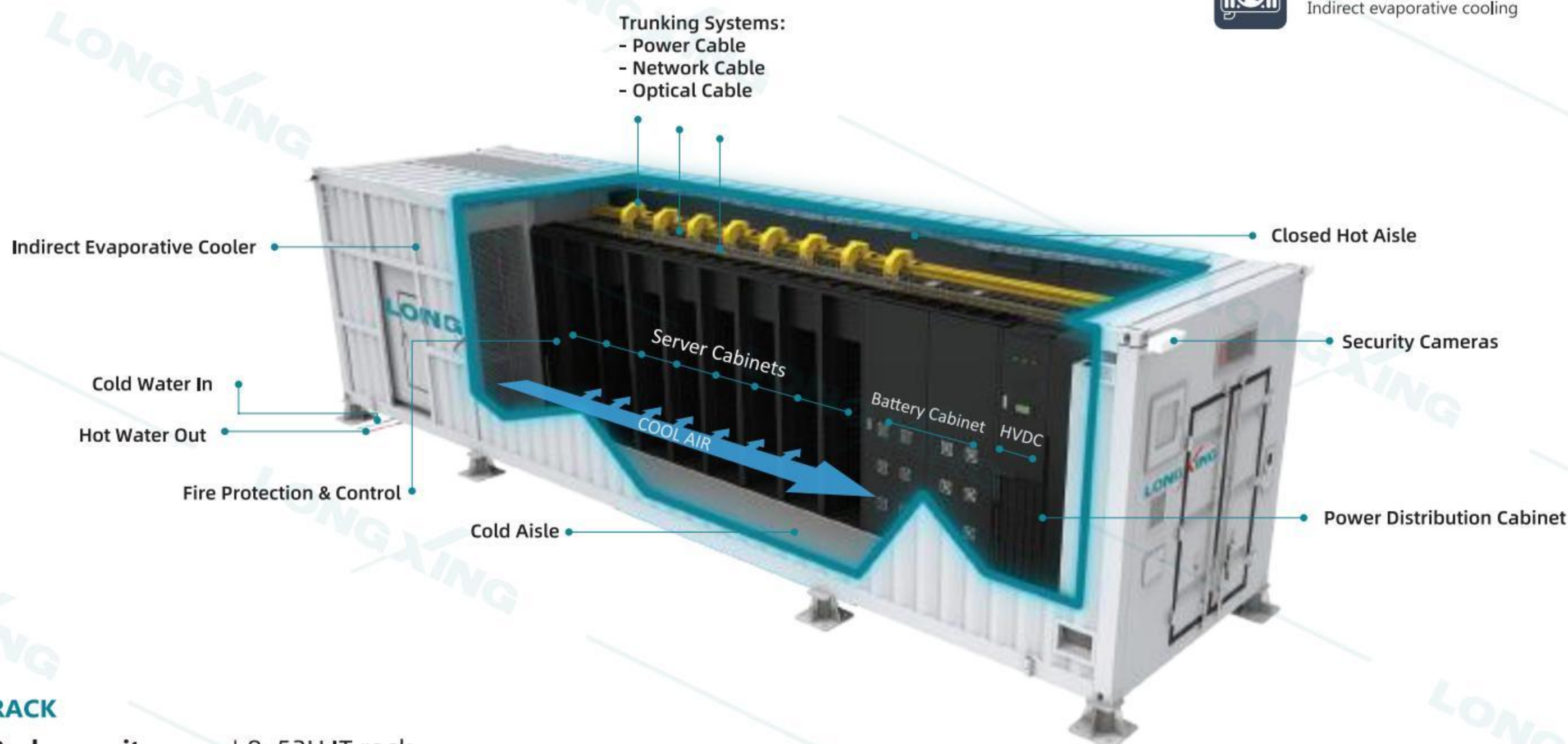
**FIRE PROTECTION**  
Automatic fire detection & suppression



**POWER**  
Asset Management System



**COOLING**  
Indirect evaporative cooling



### RACK

**Rack capacity** | 8\*52U IT rack  
**Rack distribution** | 8\*10 kW/rack & 8\*13.2 kW/rack  
**Size (H×W×D) mm** | 2500×600×1200

### ENCLOSURE

**External size (H×W×D)mm** | 3200×3000×12192 (Typical)  
**Aisle width** | Hot aisle of 650-700mm; cold aisle of 850-900mm



# 84 Data Centre | CDC

POWER		
Total IT load	≤ 96kW	≤ 120kW
Power density per rack	≤ 10kW	≤ 13.2kW
Input mode	380V mains electricity input 240V DC input from HVDC cabinet	
Integrated HVDC cabinet size (H×W×D)mm	2500×600×1200	
HVDC capacity	120kVA	
Number of rectifier module	7+1	
BAT backup time	20min under full loads	
PDU	A route: IEC320 11×C13+11×C13+11×C13 B route: IEC320 16×C13+16×C13	
Surge protection	Level-3	

COOLING	
A/C type	Indirect evaporative cooling
Sensible cooling capacity	120kW
Coolant	R410A
Fan type	EC fan
Compressor	2/1 variable-frequency+1 fixed-frequency
Temp. range	+18~+27°C
Humidity range	20%~80%
Hot/cold aisle	Hot aisle containment

FIRE PROTECTION	
Auto fire protection system	Automatic fire detection & suppression system c/w emergency release function
Alarm	Automatic monitoring and detection, support sound and light alarm
Gas	HFC-227ea

MONITORING	
Module access	Password
Rack access	Customization
Monitoring management	Real-time monitoring of temperature and humidity control, fire control, access control and cooling system
In-module display	PAD
Remote O&M	Web



## Rapidly-arranged, All-in-one Data Centre

### Energy-saving and efficient

- Efficient power supply and distribution, refrigeration close to heat source, effective reduction of PUE value of module.
- Isolate hot and cold airflow, eliminate invalid airflow cycle and eliminate hot spots.
- Improve functional component performance through module integrated management and coordinated operation.

### Fast Arrangement

- Standardized components, de-engineering, assembled delivery.
- Timely matching to business development, rapid expansion of capacity.

### Simple and reliable

- Data center infrastructure product, reduce influence of construction process, improve system reliability.
- Product Grade factory inspection, higher quality assurance.
- Strong adaptability, suitable for users in a variety of on-site conditions.





[www.lxtelecom.com](http://www.lxtelecom.com)



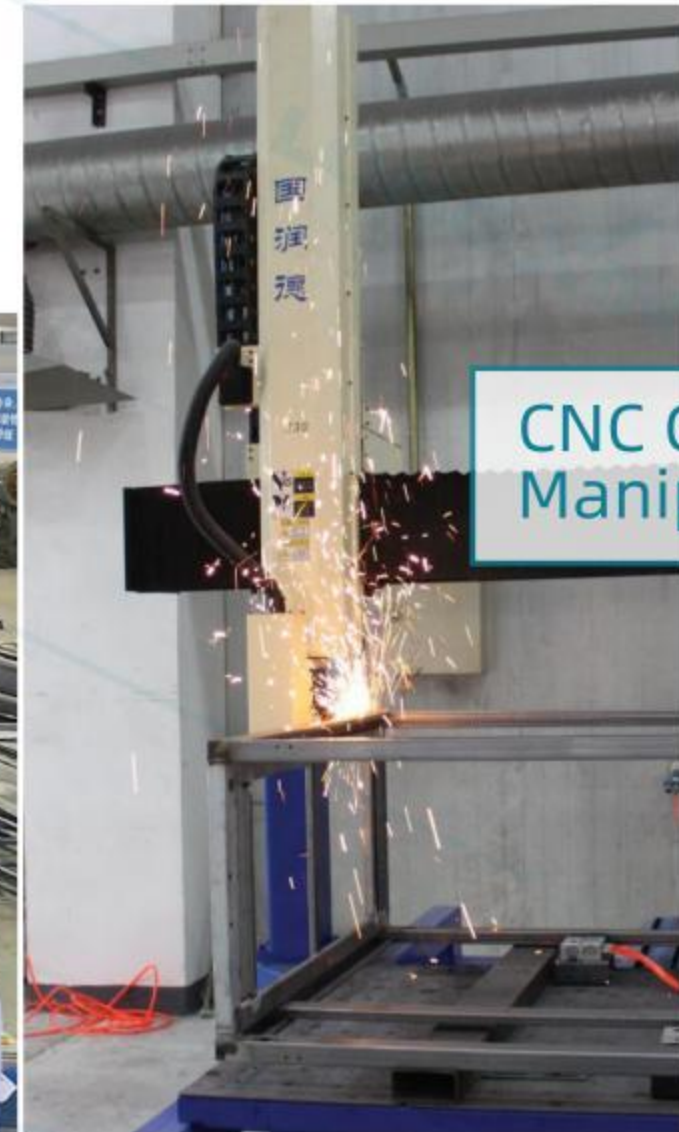
## Inside Our Factory

In recent years, LongXing have been investing in advanced manufacturing facilities which can significantly improve both the productivity and quality of a manufacturing process. Manipulators, in particular, are capable of performing repetitive and complex tasks with speed, accuracy, and consistency. This reduces the risk of errors and defects in the manufacturing process, resulting in higher-quality products that meet or exceed customer expectations.

**Metal Sheet Workshop**



**CNC Grinding Manipulator**



**CNC Punching Manipulator**



**Fiber Optic Workshop**



**Assembly Workshop**



**Laser Cutting**



**Bending Manipulator**



**Welding Manipulator**



**Painting Workshop**







**LONGXING**

Add: 328 Anju Road, Beilun, Ningbo, 315800. China  
Tel: +86 574 87917627 ( English & Chinese )  
Fax: +86 574 87908188  
Postcode: 315800  
Email: sales@lxtelecom.com  
Website: www.lxtelecom.com

Ver. PG230309

Recycled Paper

**ATTENTION:**

Specifications published here are current as of the date of publication of this document. Because we are continuously improving our products, LongXing reserves the right to change specifications without prior notice. At any time, you may verify product specifications by contacting LongXing.