

LONGXING
Since 1983

We Shape Solutions

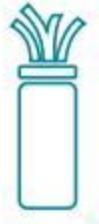


Product Guide



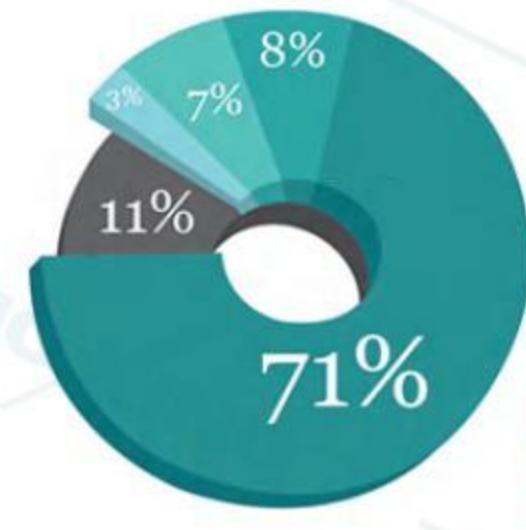


Products & Services

-  Fiber Optics ➤
-  Data Centre ➤
-  Copper ➤
-  Power / Active ➤



Staff: 800+



- Production
- Sales Supports
- Technical Engineers
- QA
- Others

Qualification



TL 9000



ISO 14001

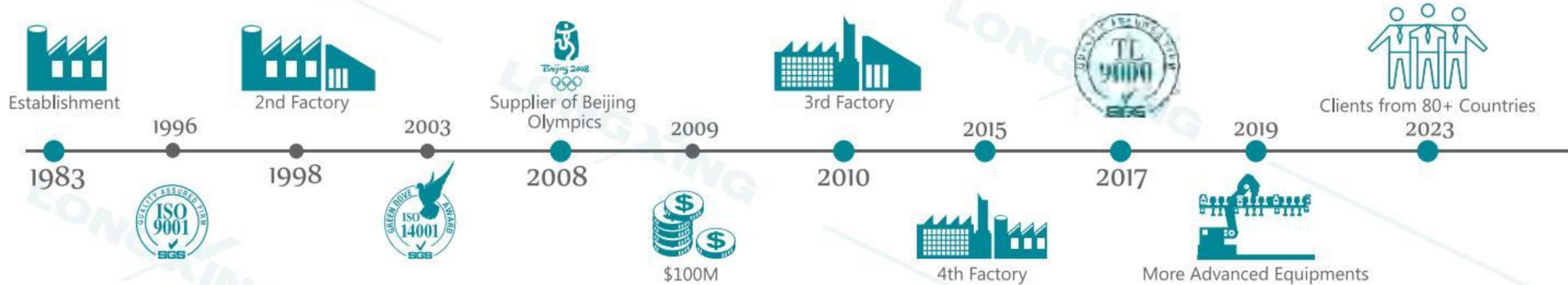


ISO 9001



Quality Guarantee

History of **LONGXING**



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, or contact us at info@lxtelecom.com.

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Current Market Coverage

LONGXING ONE-STOP

1 ODFs



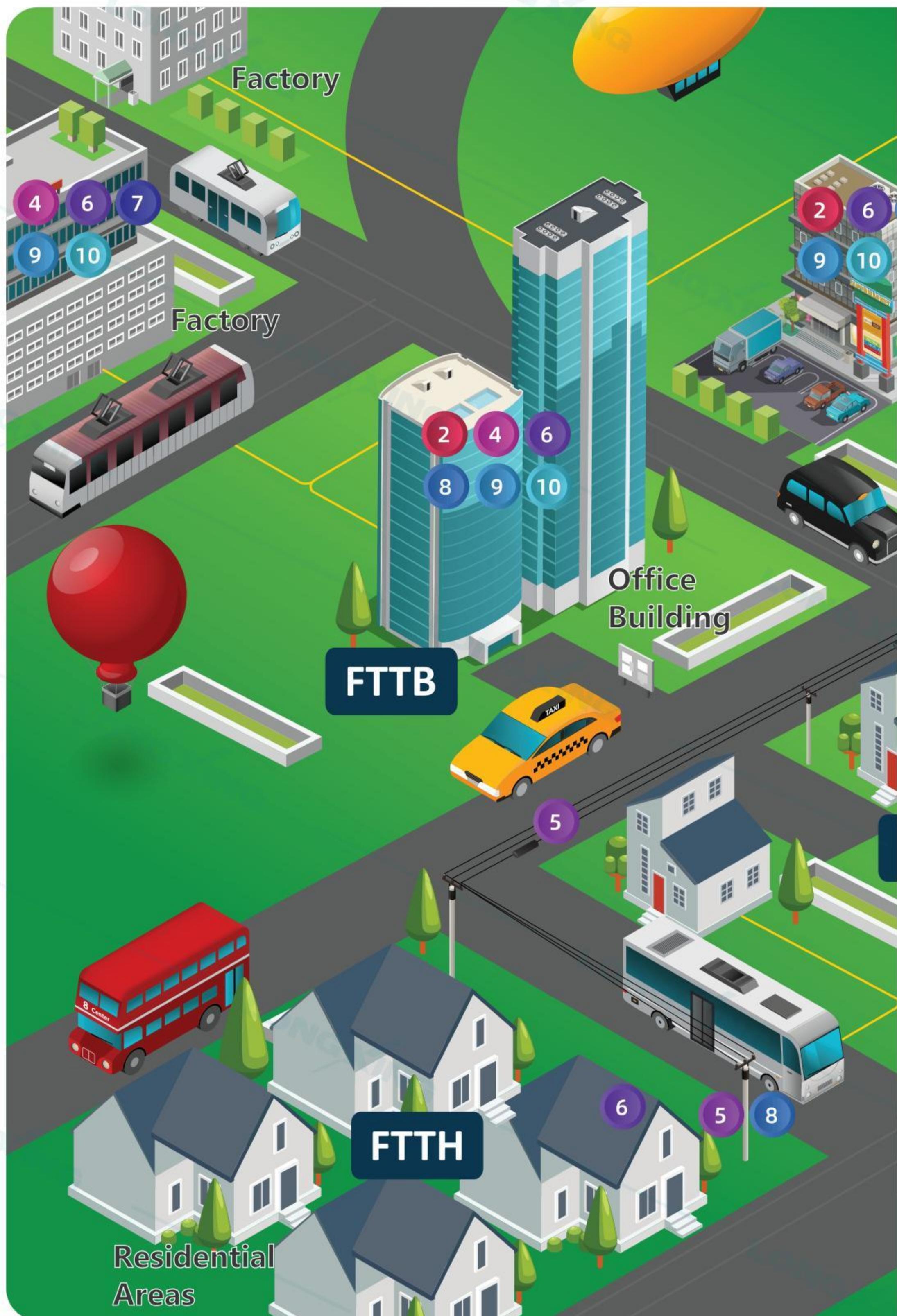
2 Patch Panels



3 Outdoor Cabinets



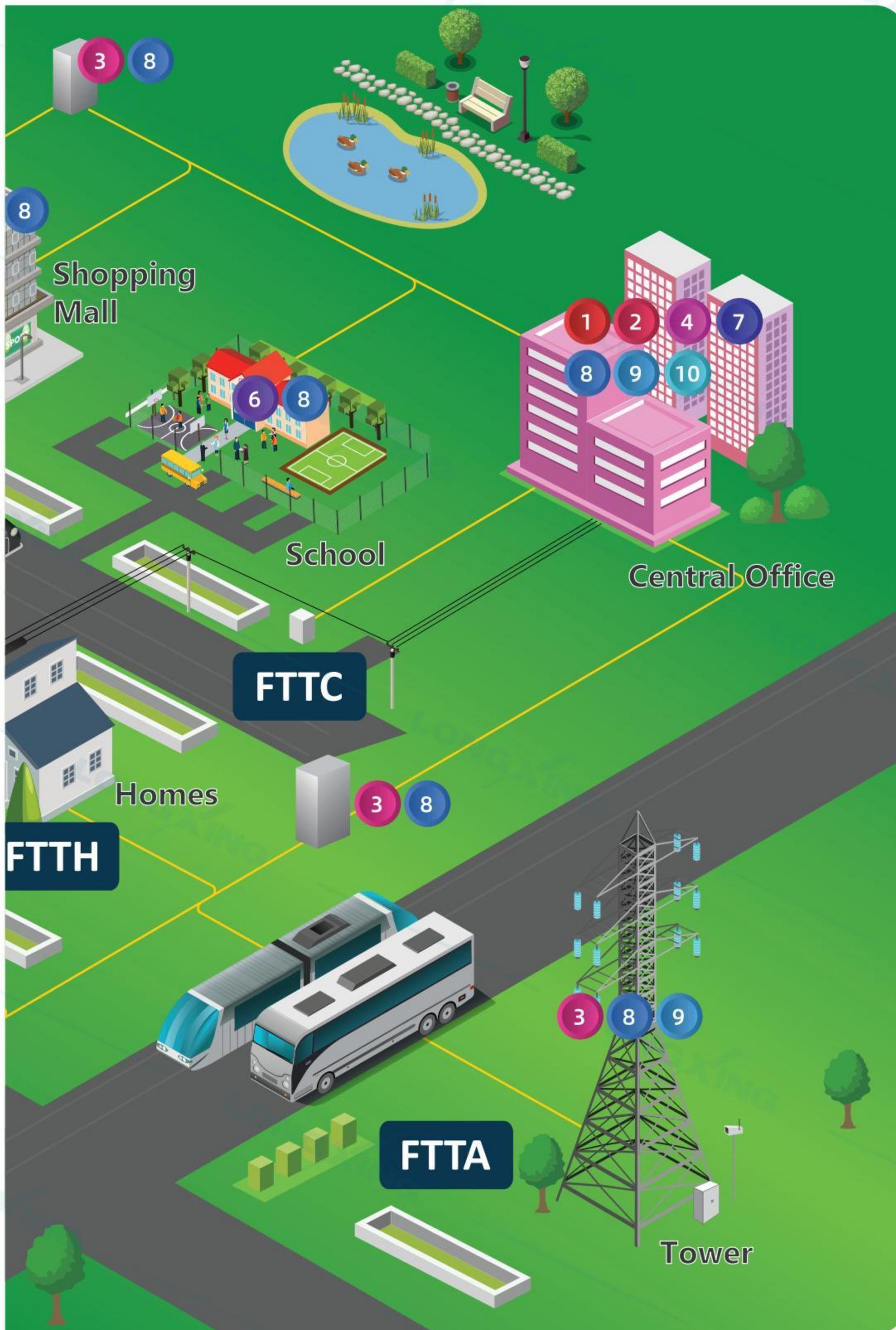
4 Data Centers



5 Splice Closures



TOTAL SOLUTIONS



6 Distribution Boxes



10 Network Cabinets



9 Power Managements



8 Splitters & WDMS



7 Cable Trays



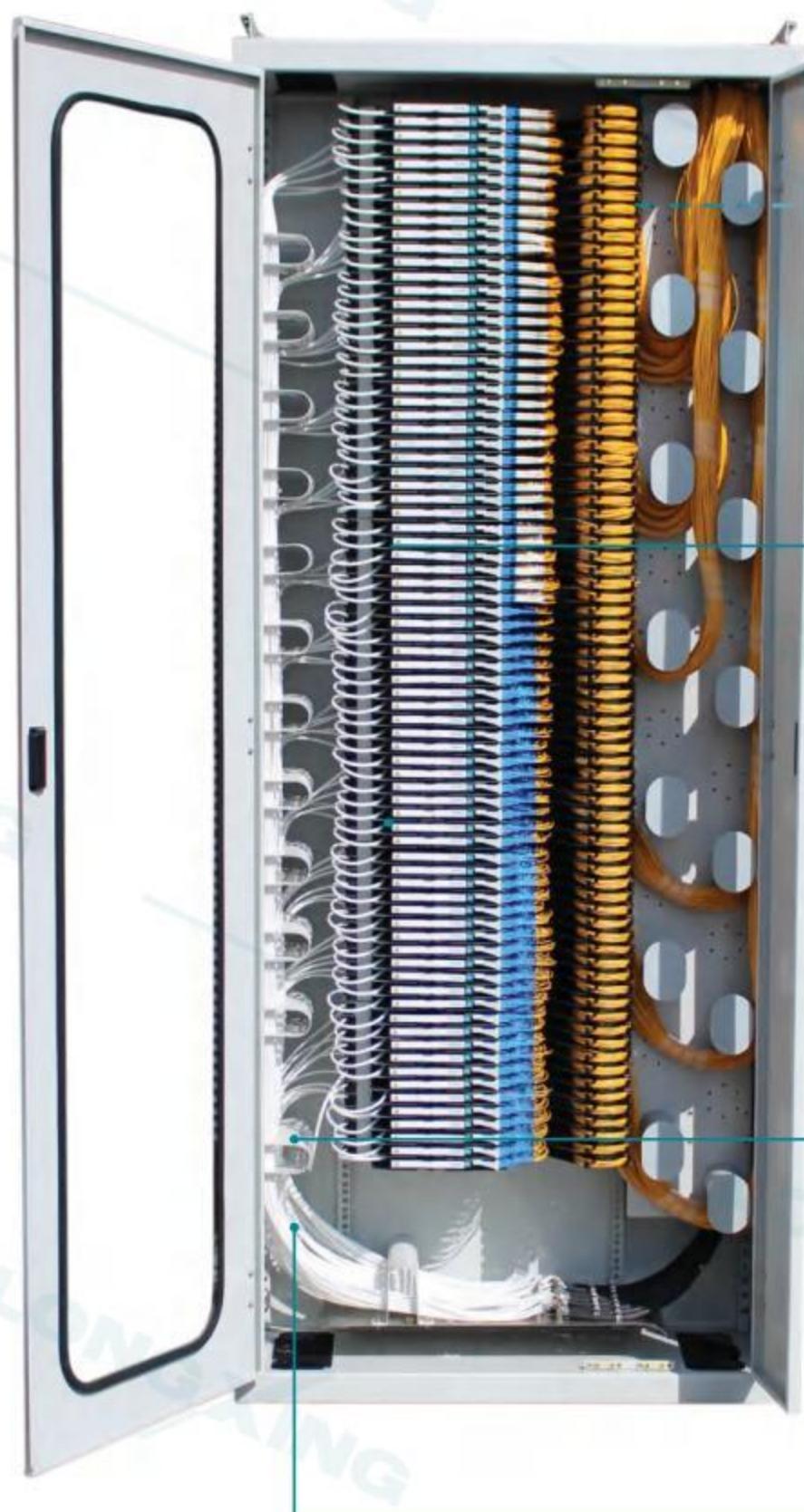


Optical Fiber Distribution Frames (ODF)

- 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.

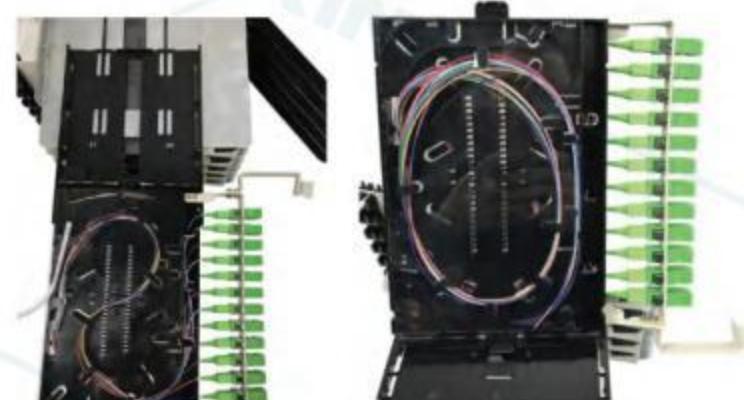


Scan for more details



Rack Mount Patch Panel ODU-L21

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



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).



Storage Side

Splice Side



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

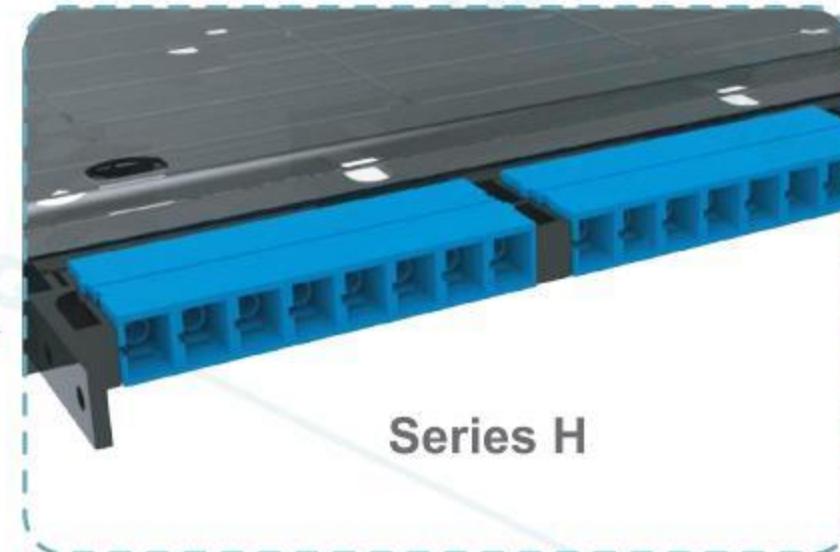
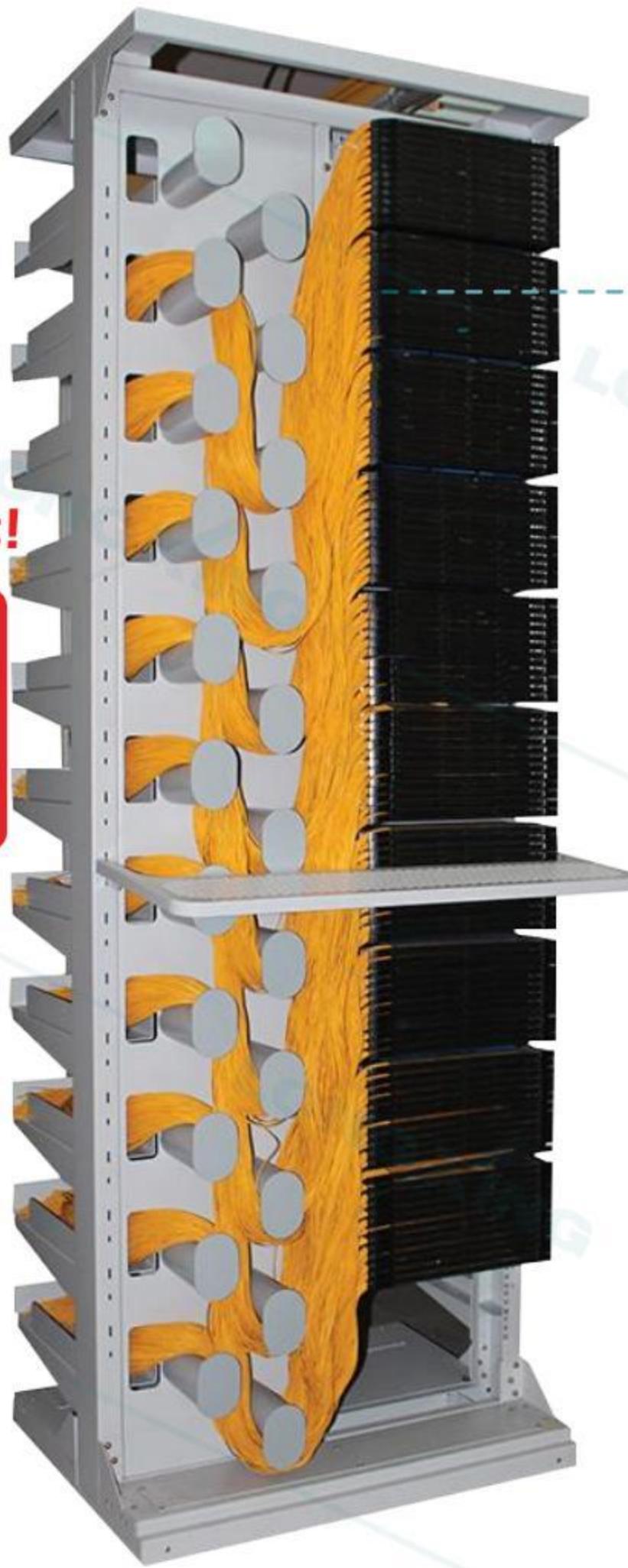
- Highly stable and rigid construction.
- Standard 19" & ETSI installations.
- Designed to be used together with high density side access type patch panels.
- Maximum fiber density of 2016 ports (splice & patch) and superior cable management.
- Special cable glands to fix the maximum number of bundle 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.

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

06 ▶ GPX82-9-1

Up to 4752 Cores!

**MAYBE THE
HIGHEST DENSITY
ODF IN THE WORLD**

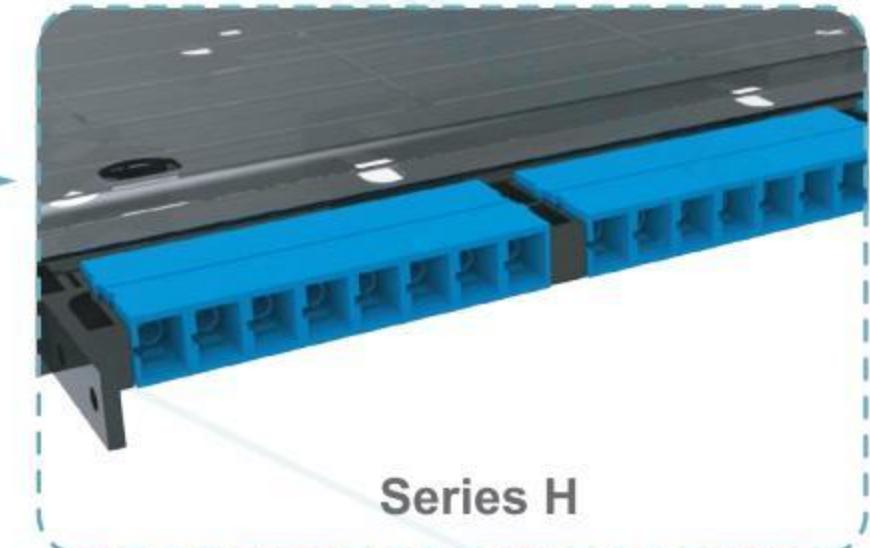


GPX82-9-1

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 | | |
|-----------|---------------------|------------------|------------------|--------------------------------|-----|-----|
| | | | | Model | SC | LC |
| GPX82-9-1 | 2200*760*610 | 3168 | 4752 | 1U | 72 | 108 |
| | | | | 2U | 144 | 216 |
| | | | | 4U | 288 | 432 |



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.

| | Dimensions(H*W*D)mm | Max Capacity(SC) | Max Capacity(LC) | Patch Panels with Regular Rail | | |
|-----------|---------------------|------------------|------------------|--------------------------------|-----|-----|
| | | | | Model | SC | LC |
| GPX82-9-2 | 2200*900*300 | 2880 | 4320 | 1U | 72 | 108 |
| | | | | 2U | 144 | 216 |
| | | | | 4U | 288 | 432 |

08 GPX82-5

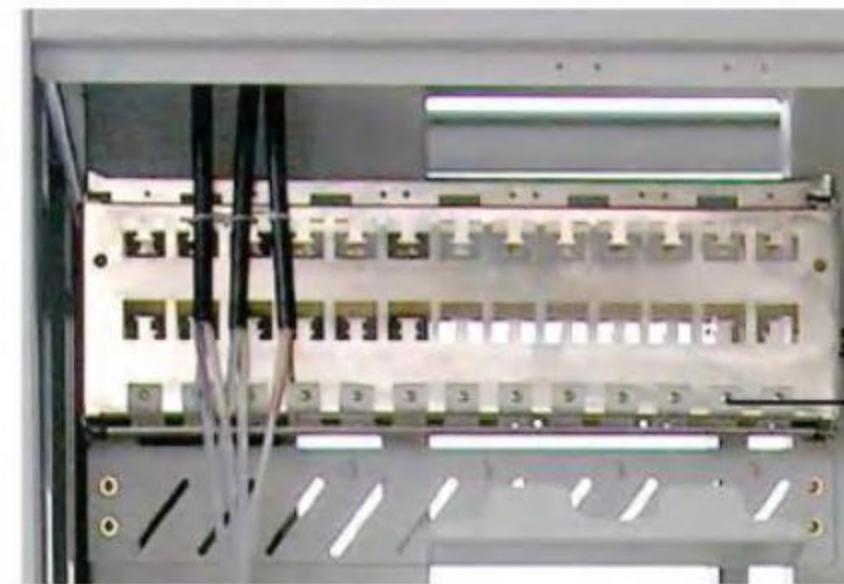


GPX82-5

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 |



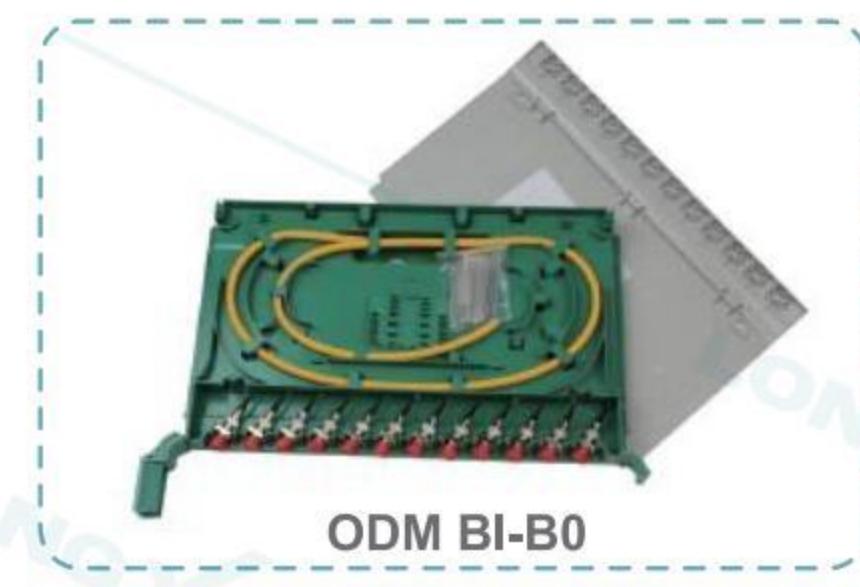
GPX09S

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

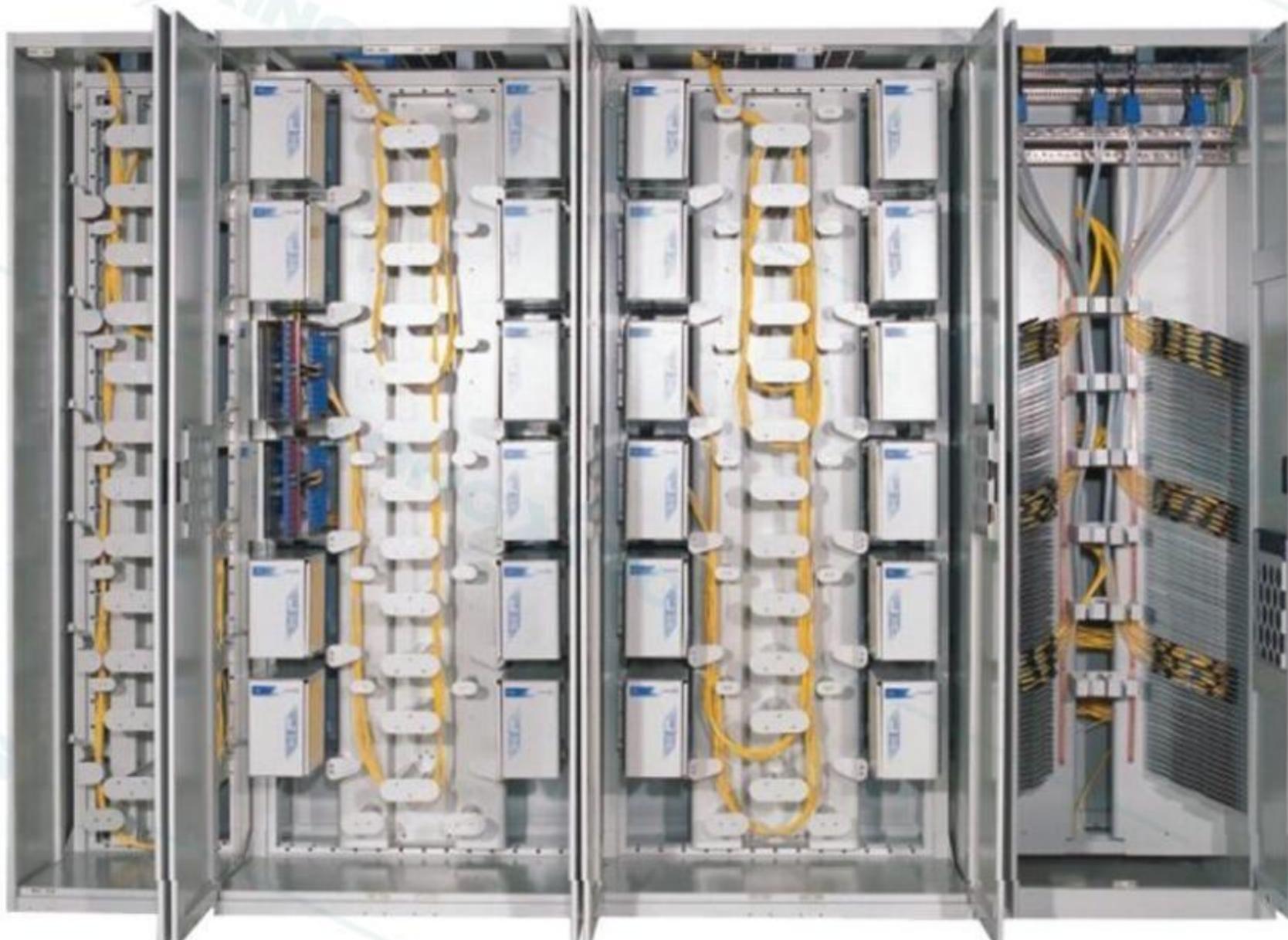


GPX09T

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 |

14 ▶ GPX82-1-1



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

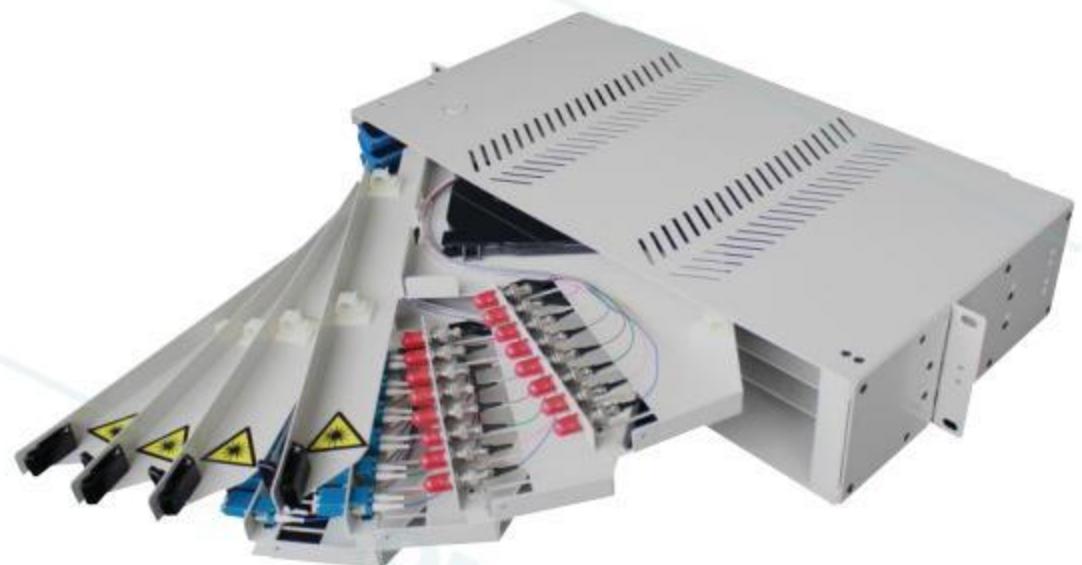
- This frame is made of top quality steel and treated with galvanizing, oxidation and electrostatic plastic spraying.
- The frame has solid structure and pleasing appearance.
- Fully-closed structure with the advantages of good performance of dust-proof, pleasing and neat appearance.
- Cable fixing unit 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 pigtailed.
- 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 pigtailed.
- 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 pigtailed.
- 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 pigtaileds.
- 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 pigtaileds.
- 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 slidale.

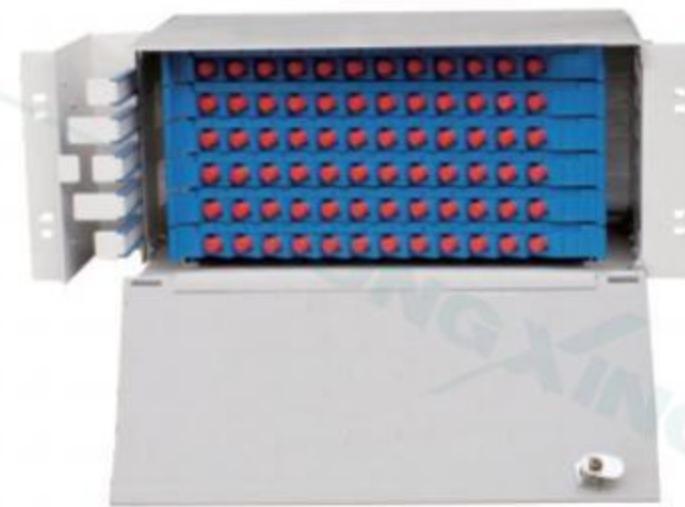


| | Height | Depth (mm) | Width (mm) | Capacity (SC) | Cassette Quantity |
|---------|--------|------------|------------|---------------|-------------------|
| ODU-L46 | 1U | 437 | 486 | 24 | 2 |
| | 2U | 437 | 486 | 48 | 4 |

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 modules1 (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 .

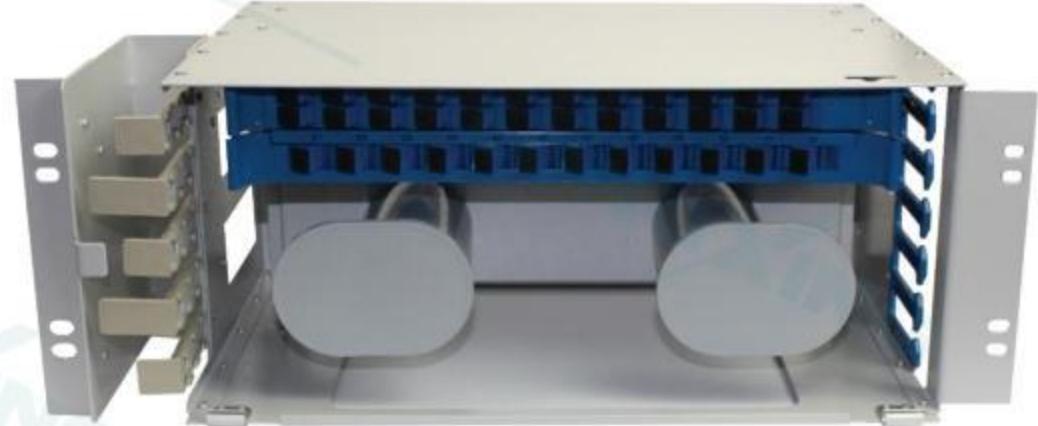


| | Dimension (mm) | | | Capacity | | | |
|--------|----------------|-------|-------------|-----------|-----------------|-----------|-----------------|
| | Height | Depth | Width | Module A1 | | Module A3 | |
| | | | | Capacity | Module Quantity | Capacity | Module Quantity |
| ODU-L1 | 2U | 250 | 19"/21"/23" | 24 | 48 | 48 | 2 |
| | 3U | 250 | 19"/21"/23" | 48 | 96 | 96 | 4 |
| | 4U | 250 | 19"/21"/23" | 72 | 144 | 144 | 6 |
| | 5U | 250 | 19"/21"/23" | 96 | 192 | 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 modules1 (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 | | | |
|--------|----------------|-------|-------------|-----------|-----------------|-----------|-----------------|
| | Height | Depth | Width | Module A1 | | Module A3 | |
| | | | | Capacity | Module Quantity | Capacity | Module Quantity |
| ODU-L2 | 4U | 250 | 19"/21"/23" | 12 | 24 | 24 | 1 |
| | | | | 24 | 48 | 48 | 2 |
| | 5U | 250 | 19"/21"/23" | 36 | 72 | 72 | 3 |
| | | | | 48 | 96 | 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.

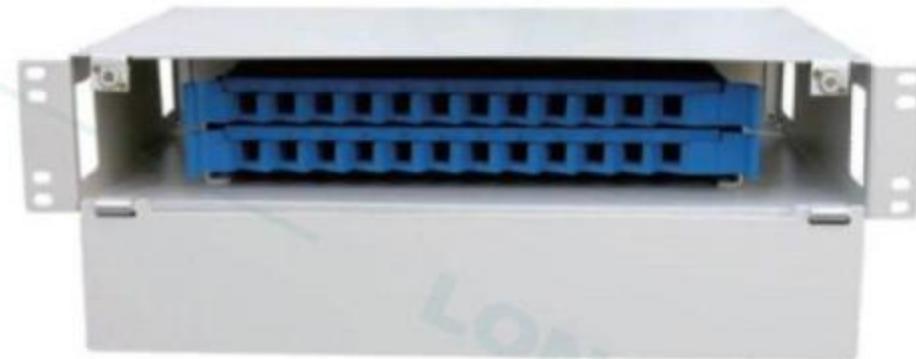


| | Dimension (mm) | | | Capacity |
|--------|----------------|-------|-------------|----------|
| | Height | Depth | Width | |
| ODU-L3 | 4U | 250 | 19"/21"/23" | 144 |

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 | | | |
|--------|----------------|-------|-------------|-----------|-----------------|-----------|-----------------|
| | Height | Depth | Width | Module A1 | | Module A3 | |
| | | | | Capacity | Module Quantity | Capacity | Module Quantity |
| ODU-L4 | 1U | 300 | 19"/21"/23" | 12 | 24 | 24 | 1 |
| | 2U | 300 | 19"/21"/23" | 24 | 48 | 48 | 2 |
| | 3U | 300 | 19"/21"/23" | 36 | 72 | 72 | 3 |
| | | | | 48 | 96 | 96 | 4 |
| | 4U | 300 | 19"/21"/23" | 60 | 120 | 120 | 5 |
| | | | | 72 | 144 | 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.



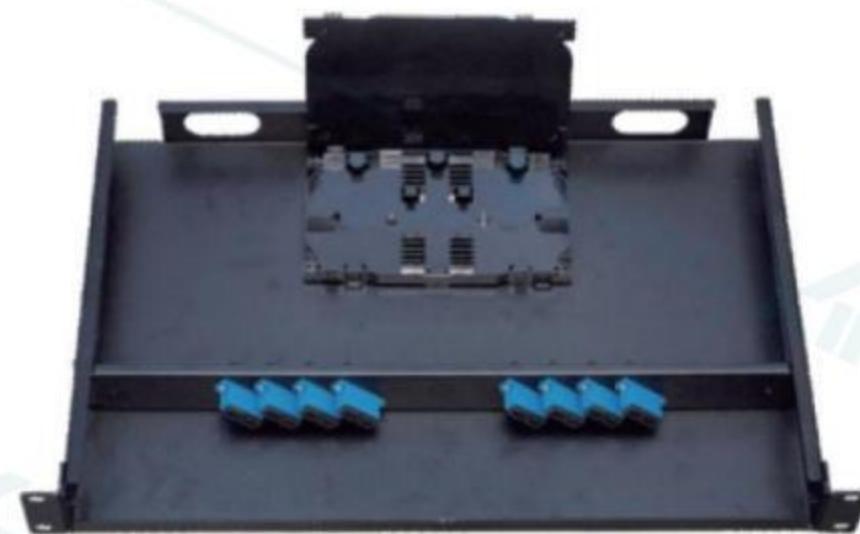
| | Dimension (mm) | | | Capacity | |
|--------|----------------|-------|-------------|----------|-----------|
| | Height | Depth | Width | FC/SC/ST | LC Duplex |
| ODU-L6 | 1U | 280 | 19"/21"/23" | 24 | 48 |
| | | | | 48 | 96 |

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 |
| | | | | 48 | 96 |
| | 3U | 300 | 19"/21"/23" | 72 | 144 |
| | | | | 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 fiber 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 fiber 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.



| ODU-L11 | Height | Depth (mm) | Width | Module H1 | | Module Quantity | |
|---------|--------------------|------------|-------------|-----------|-----|-----------------|--|
| | | | | Capacity | | | |
| | | | | SC | LC | | |
| | 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.



| ODU-L16 | Dimension (mm) | | | Capacity | | | | | | | | |
|---------|----------------|-----|-------------|-----------|-----------|-----------|-----|---|--|--|--|--|
| | | | | Module A1 | | Module A3 | | | | | | |
| | | | | Capacity | | | | | | | | |
| | | | | FC/SC/ST | LC Duplex | | | | | | | |
| | 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 pigtailed.
- 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**

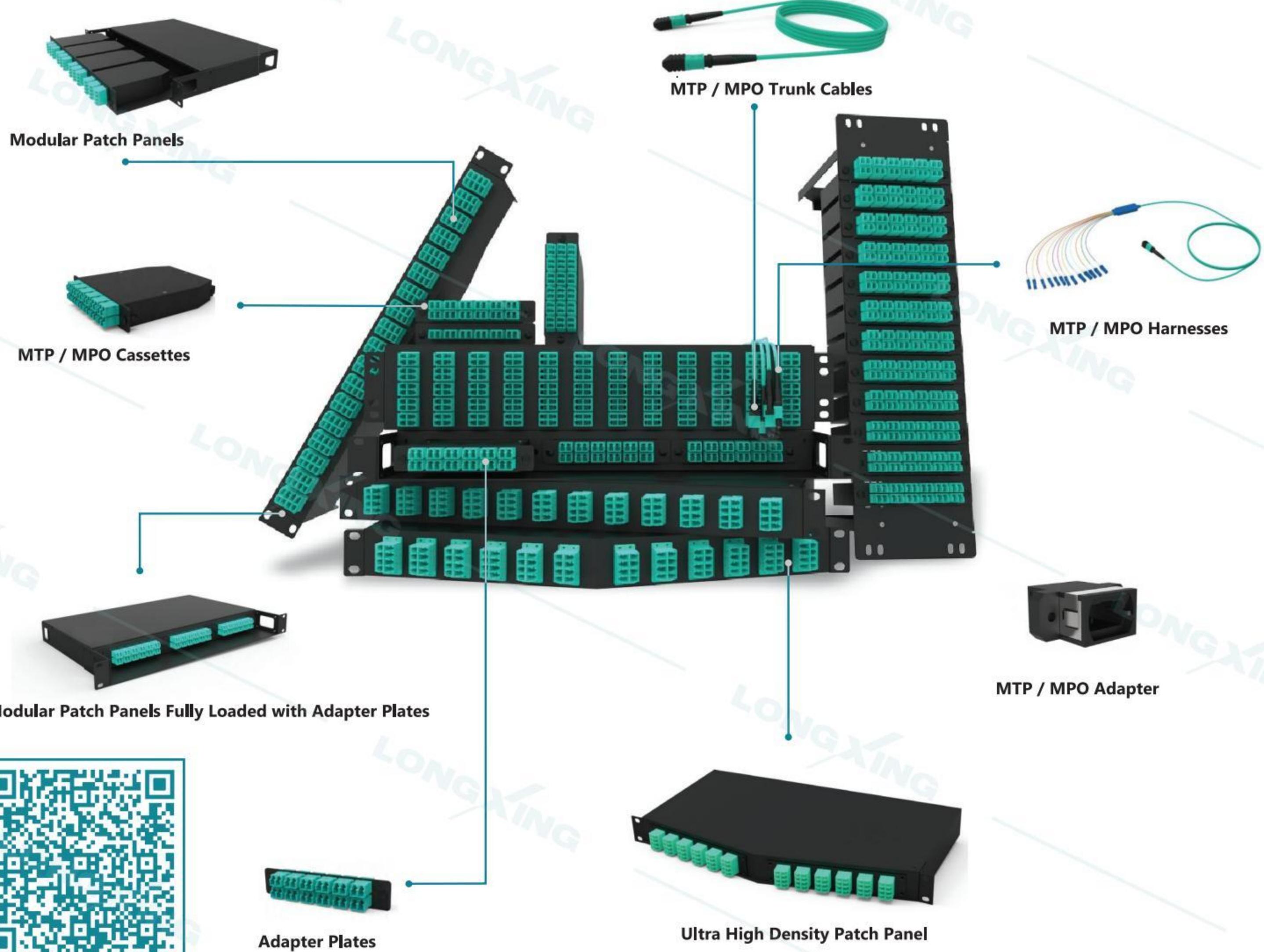
- Top quality steel with electrostatic painted ensures the strong body and pleasing appearance.
- For standard 19" racks use (other rack width options available on request).
- Sliding type for easy installation.
- Patch cords routing panel is optional (not included by default).
- Protected patch panel offers secure environment for adapters, patch cords and pigtailed.
- 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 ≥ 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.



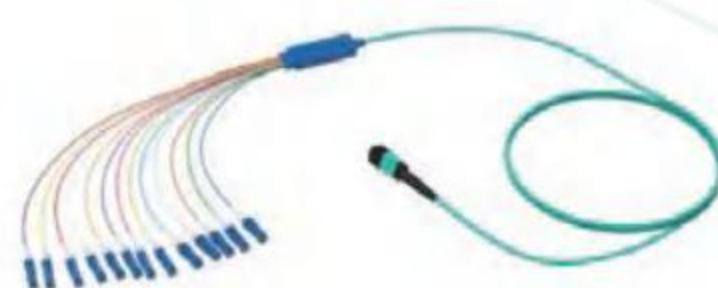
Scan for more details

▲ 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

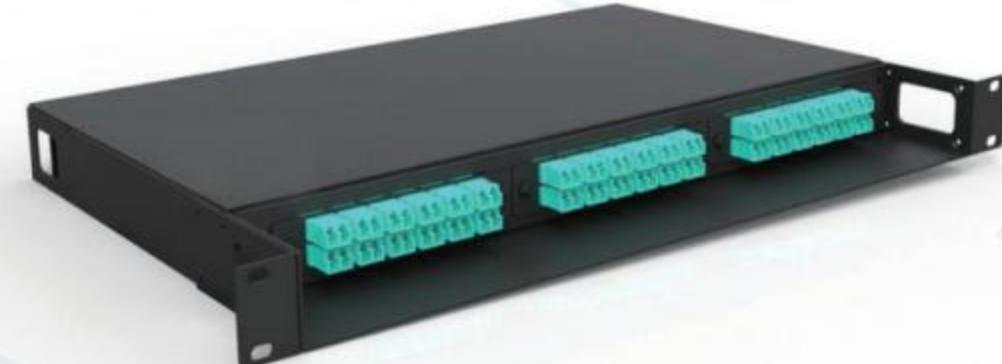
- 1U or 3U (max 4 MPO cassettes per 1U)
- Up to 96 fiber in 1U, LC to MPO
- Work with MPO Cassettes
- Factory configured or build your own



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.

34 MTP/MPO



J-MP- 

Fiber Count

| | |
|----|---------|
| 04 | 4 cord |
| 08 | 8 cord |
| 12 | 12 cord |
| 16 | 16 cord |
| 24 | 24 cord |

Wire Map Configuration

| | |
|---|--------|
| A | Type A |
| B | Type B |
| C | Type C |

Fiber Type

| | |
|---|-----------------------|
| A | Singlemode fiber |
| I | Singlemode G655 fiber |
| C | 50/125µm |
| D | 62.5/125µm |
| F | 50/125µm OM2 |
| K | 62.5/125µm OM2 |
| G | 50/125µm OM3 |
| H | OM4 |

Ribbon Cable Type

| | |
|----|----------------|
| B0 | Bare fiber |
| R0 | Round cord |
| V0 | Oval cord,flat |

Cable Type (Fan-out Section)

| | |
|---|-------------------------|
| C | Coated fiber(250µm) |
| L | 0.9mm loose tube cable |
| O | 2.0mm PVC cable |
| Q | 3.0mm PVC cable |
| F | LSZH cable 2.0mm |
| I | LSZH cable 3.0mm |
| N | No fanout |
| X | Others, please specify* |

Connector Type (MPO/Fanout or MPO)

| | |
|----|--------------------------------|
| M0 | Male type, flat polish, MPO |
| M8 | Male type, 8°APC angled, MPO |
| F0 | Female type, flat polish, MPO |
| F8 | Female type, 8°APC angled, MPO |
| SC | SC type |
| AS | SC/APC type |
| FC | FC type |
| AP | FC/APC type |
| LC | LC type |
| AL | LC/APC type |
| MU | MU type |
| NC | None |
| XX | Others, please specify* |

Fan Out Cable Length

| | |
|-----|-----------|
| X30 | 30 cm |
| X50 | 50 cm |
| 001 | 1 m |
| 000 | No fanout |
| XXX | Others* |

Configuration

| | |
|----|------------|
| SG | Pigtail |
| DB | Patch cord |

Fiber Length (Include Fanout Length)

| | |
|------|-------------------------|
| 0001 | 1m |
| 0002 | 2m |
| 0010 | 10m |
| 0015 | 15m |
| X050 | 50cm |
| XXXX | Others, please specify* |

Ordering Example:

J-MP-12-A-GR0N-0003-DB-000-F0/F0 MPO, 12 cord, Type A, 50/125µm OM3, Round cord, No fanout, 3 m, Patch cord, No fanout, Female type, flat polish, MPO/ Female type, flat polish, MPO.

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



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



Cold-rolled Steel Lowest price.



SMC Glass-fiber polyester



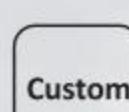
Locking Extremely secure and impermeable. Three-point pad lockable door mechanisms.



Utility Grey Utility Grey RAL7035



Unpainted



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.



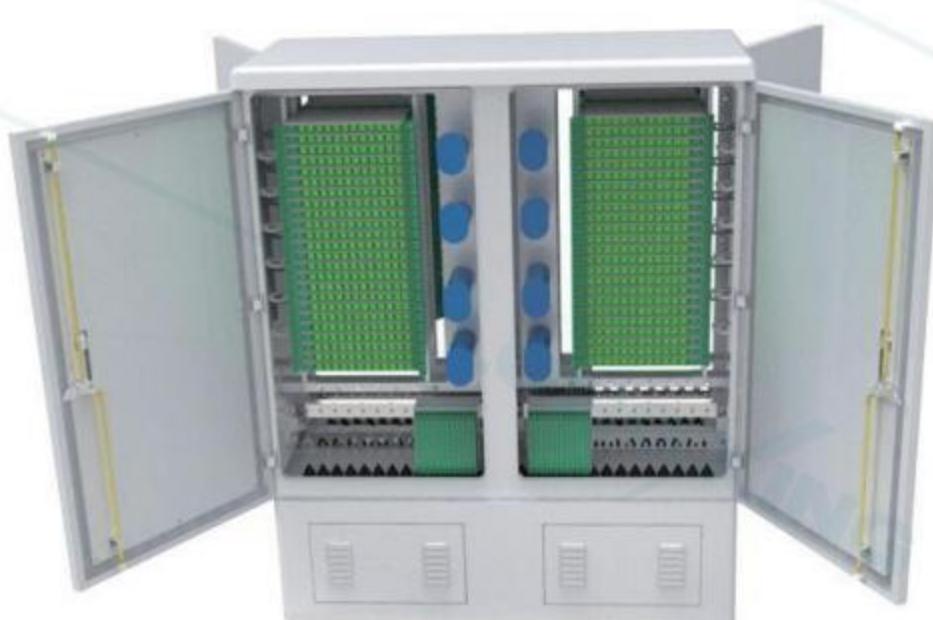
Stainless steel hardware High-grade stainless steel hardware only.



Scan for more details

36 ▾ **Outdoor Cabinet**

Fiber Optic Cross-connect Cabinet (Fiberglass Cabinet)



GP31-2-A1

Fiber Optic Cross-connect Cabinet (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**

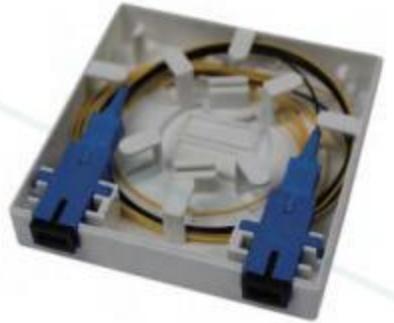
Distribution Boxes

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



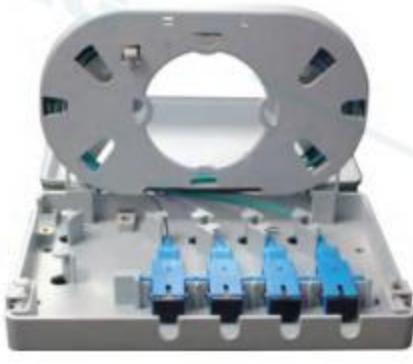
2 Cores Indoor
Size: 80mm*100mm*22mm

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



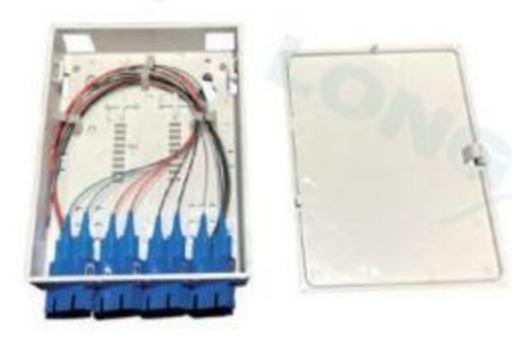
4 Cores Indoor
Size: 100.5mm*80.5mm*28.5mm

GP31-1P06A



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

GP31-1P08A



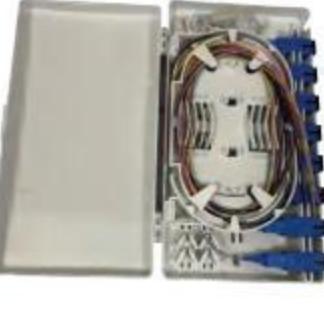
8 Cores Indoor
Size: 118mm*158mm*32mm

GP31-1P08B



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

GP31-1P08C



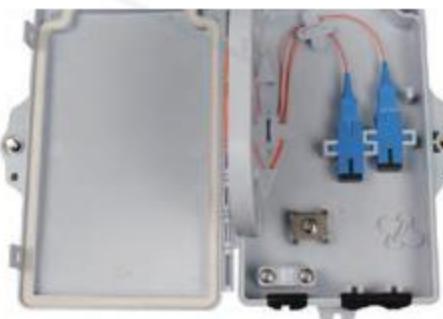
8 Cores Indoor
Size: 205mm*110mm*26mm

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

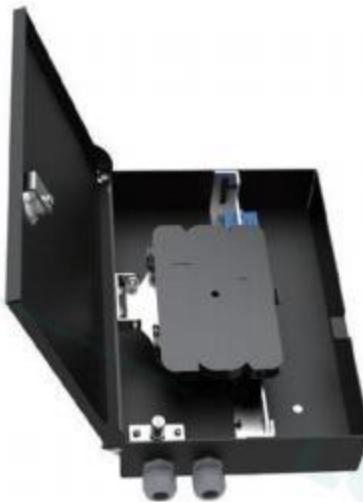


48 Cores Indoor & Outdoor
Size: 430 mm*390 mm*150 mm

Metal Distribution Boxes

41

GP31-1M08A
Indoor



Typical Capacity: 8 cores

GP31-1M12A
Indoor



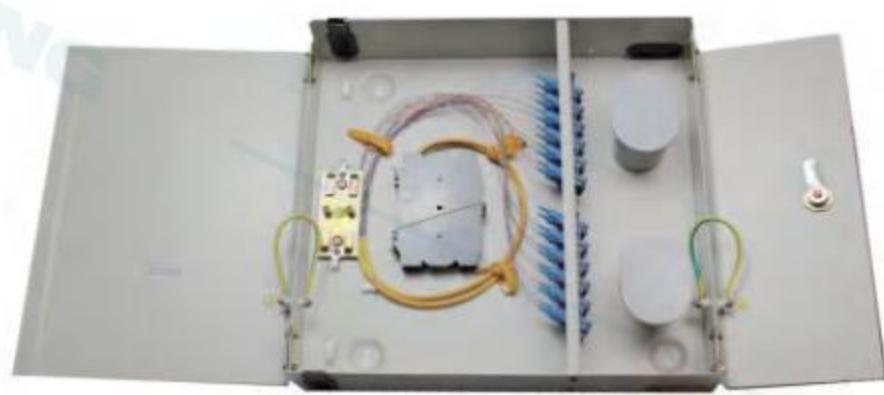
Typical Capacity: 12 cores

GP31-1M32A
Indoor



Typical Capacity: 32 cores

GP31-1M48A
Indoor



Typical Capacity: 48 cores

GP31-1M48B
Indoor



Typical Capacity: 48 cores

GP31-2M32A
Indoor & Outdoor



Typical Capacity: 32 cores

GP31-2M48A
Indoor & Outdoor



Typical Capacity: 48 cores

GP31-2M64A
Indoor & Outdoor



Typical Capacity: 64 cores

GP31-2M96A
Indoor & Outdoor



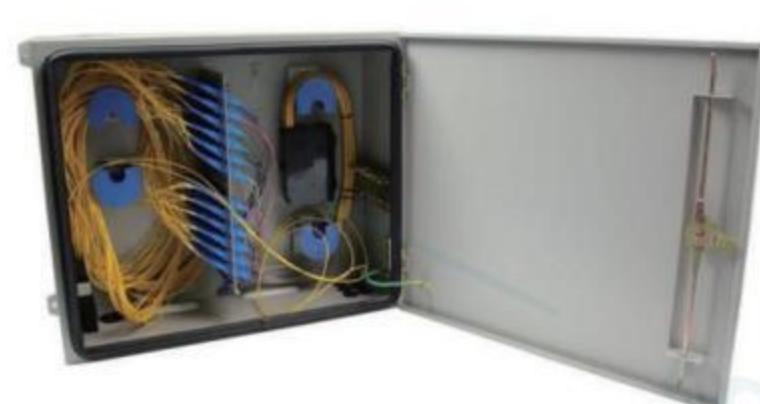
Typical Capacity: 96 cores

GP31-2M96B
Indoor & Outdoor



Typical Capacity: 192 cores

GP31-2M96C
Indoor & Outdoor



Typical Capacity: 96 cores

GP31-2M144A
Indoor & Outdoor



Typical Capacity: 144 cores



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-C



D18-A

D18-B

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°C to +65°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: (Φ5-Φ9). Max. 24 pcs drop cable input/output;
D18-B: (Φ5-Φ9). Max. 24 pcs drop cable input/output;
D18-C: (Φ5-Φ9). Max. 32 pcs drop cable input/output.
D18-D: (Φ5-Φ9). 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.

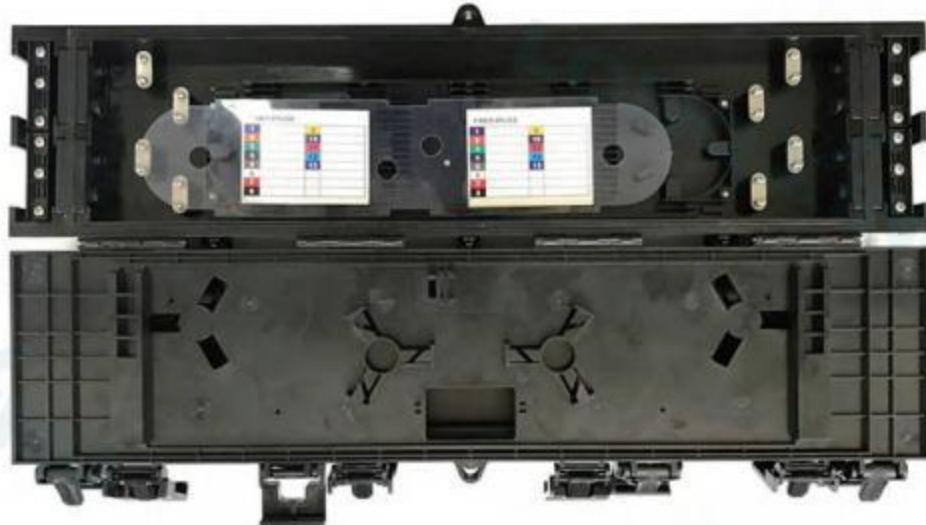


D18-D

| 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×Φ281mm | 590×313×Φ281mm |
| 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 | Φ8 ~ Φ16mm | Φ8 ~ Φ16mm | Φ8 ~ Φ23mm | Φ8 ~ Φ23mm |
| Diameter of branch/drop cable | Φ8 ~ Φ22mm | Φ8 ~ Φ22mm | Φ8 ~ Φ22mm | Φ8 ~ Φ22mm |
| Capacity of FOSC | 6 - 192 cores | 6 - 384 cores | 6 - 576cores | 6 - 960cores |

44 Splice Closure

GPJ83-12



Overview

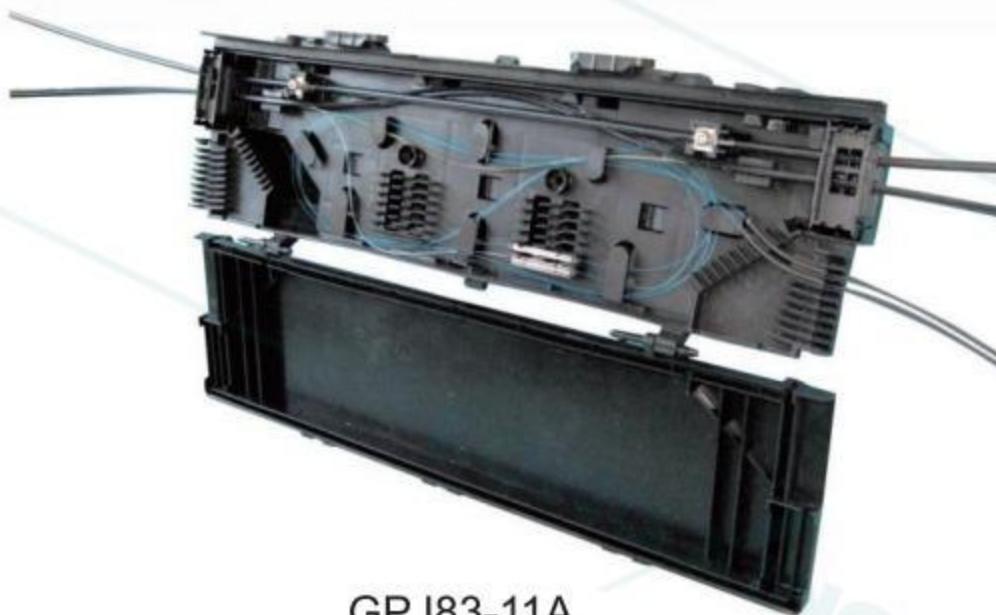
LongXing GPJ83-12 fiber optic splice closures (FOSC) are used to distribute, splice, and store the outdoor optical cables which enter and exit from the ends of the closure. There are two connection ways: direct connection and splitting connection. Suitable for different ways of cable's divergent and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

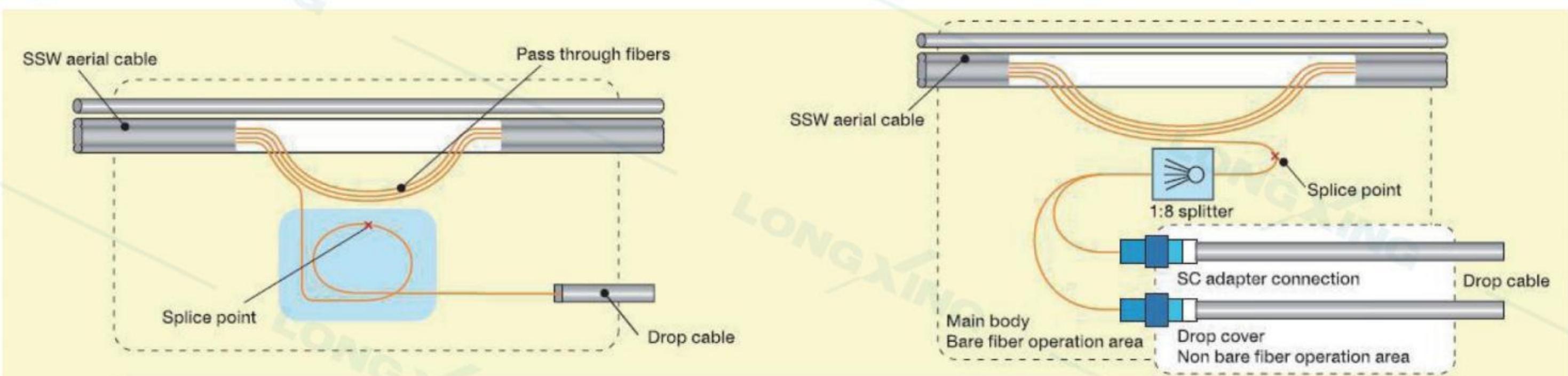
Overview

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 | 2x3 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. 8xSC adapter | |

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
Ribbon: max. 72 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: Φ85*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

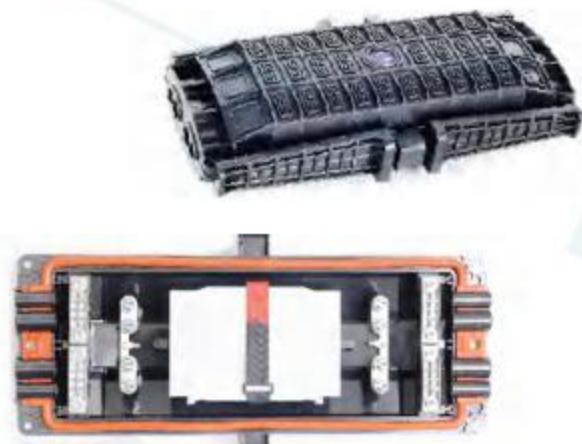
Horizontal Style

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

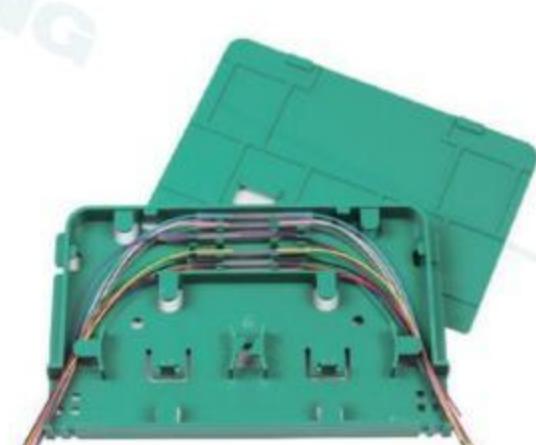
ST-1D08A



8 Splices

Size: 95mm*85mm*14mm

ST-1D12A



12 Splices

Size: 160mm*100mm*17mm

ST-1D12B

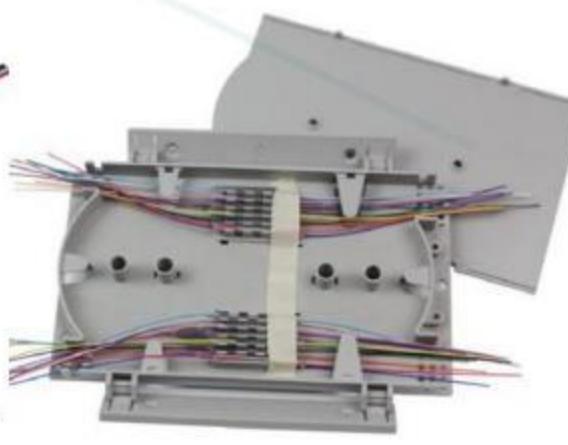


NEW

12 Splices

Size: 100mm*80mm*12mm

ST-1D24A



24 Splices

Size: 210mm*156mm*18mm

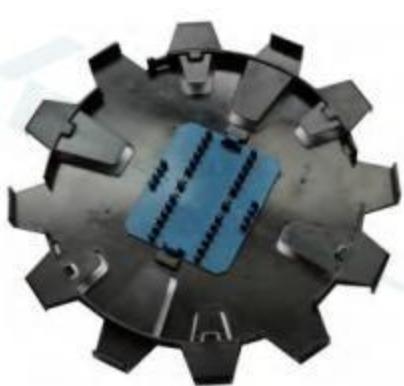
ST-1D24B



24 Splices

Size: Φ212mm, δ16mm

ST-1D24C



24 Splices

Size: Φ170mm, δ10mm
Φ220mm, δ14mm

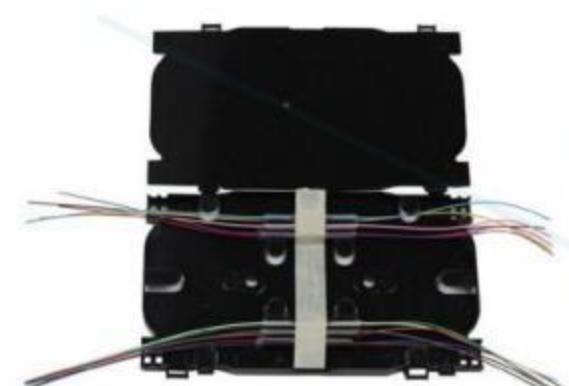
ST-2D12A



12 Splices

Size: 160mm*107mm*10mm

ST-2D12B



12 Splices

Size: 170mm*105mm*11mm

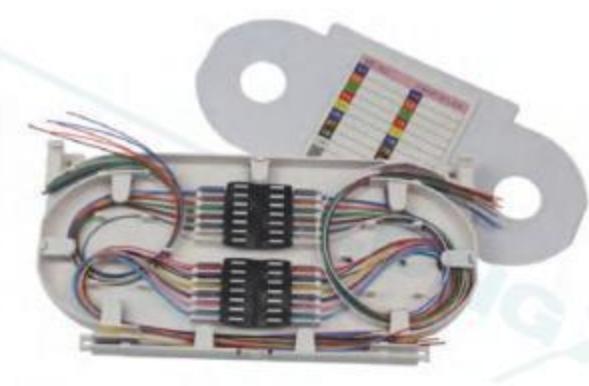
ST-2D24A



24 Splices

Size: 224mm*114mm*17mm

ST-2D24B



24 Splices

Size: 223mm*110mm*14mm

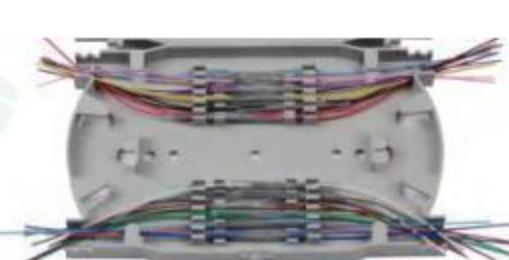
ST-2D24C



24 Splices

Size: 157mm*105mm*15mm

ST-2D24D



24 Splices

Size: 160mm*100mm*15mm

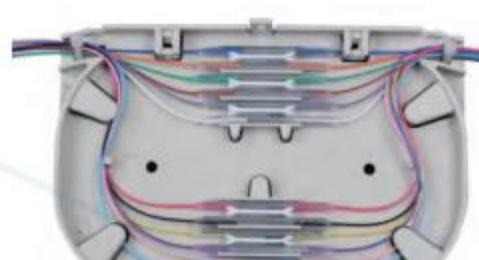
ST-2D24E



24 Splices

Size: 180mm*110mm*120mm

ST-2D24F



24 Splices

Size: 170mm*110mm*10mm

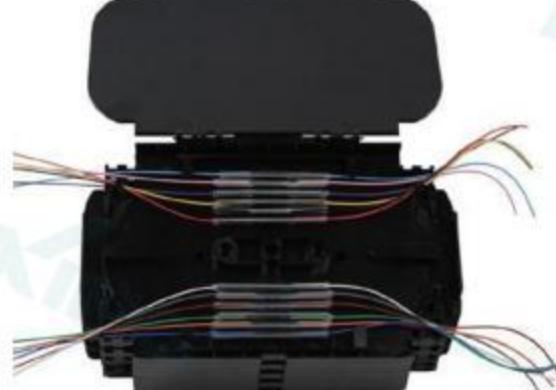
ST-2D24G



24 Splices

Size: 176mm*107mm*13mm

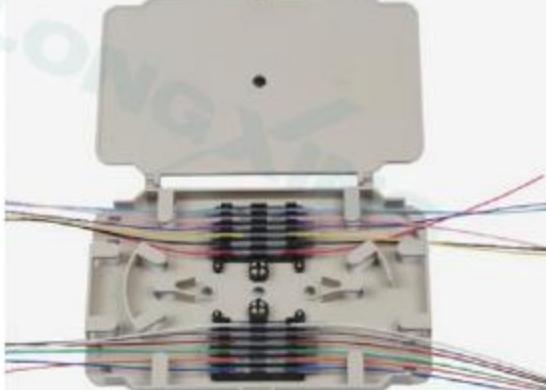
ST-2S12A



12 Splices

Size: 160mm*107mm*12mm

ST-2S12B



12 Splices

Size: 140mm*95mm*13mm

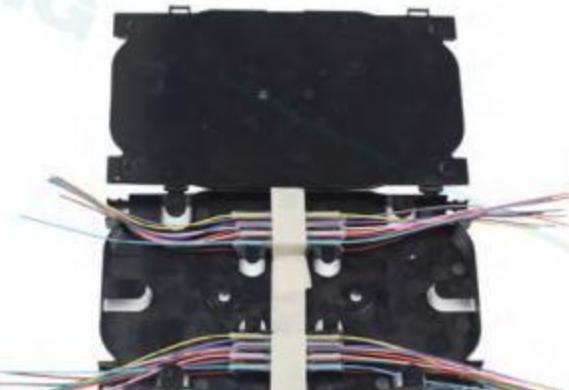
ST-2S12C



12 Splices

Size: 157mm*103mm*14mm

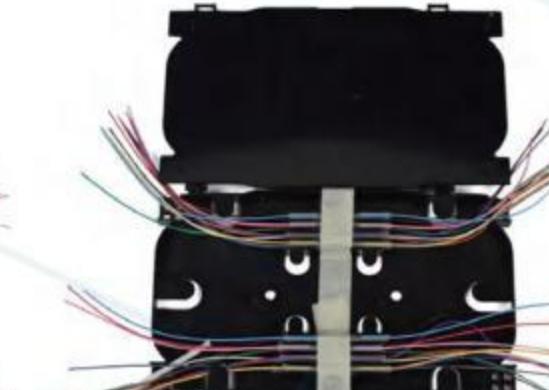
ST-2T24A



24 Splices

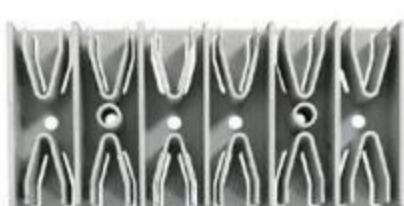
Size: 140mm*95mm*15mm

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 |



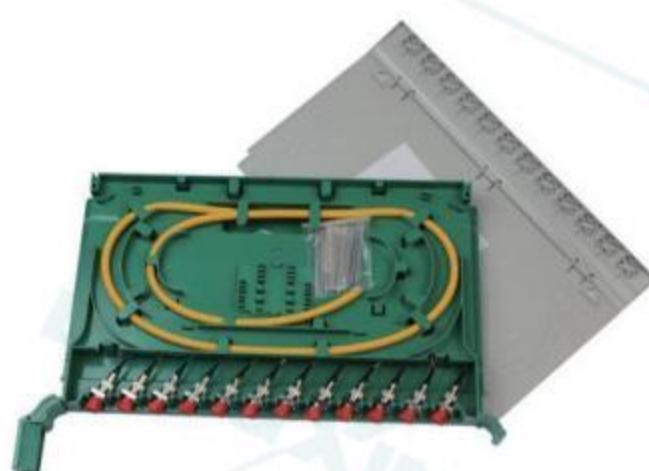
Optical Storage & Patching Module Series A
(A5)

| Capacity | A5 | |
|----------|----------|----|
| | SC/FC/ST | LC |
| | 12 | 24 |



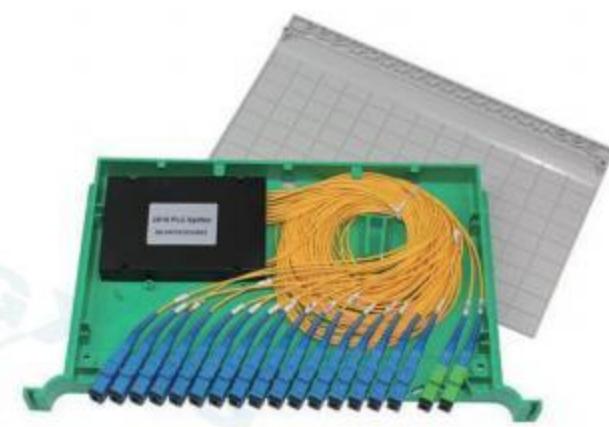
Optical Splitter Module Series A
(A6)

| Capacity | A6 | |
|----------|-------------------------|--|
| | Max split ratio of 2x16 | |



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 |
|----------|----------|----|
| | SC/FC/LC | 12 |
| | | 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.

54 DWDM & OADM Module



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 ≤ 3.5 Standard ≤ 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.



Performance Specifications

NEW

| 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/ $^{\circ}$ 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 ($^{\circ}$ C) | $-10\sim+70$ | | $-10\sim+70$ | |
| Storage Temperature ($^{\circ}$ C) | $-40\sim+85$ | | $-40\sim+85$ | |
| Package Dimension (mm) | For 250 μ m,900 μ m | $\phi 5.5 \times L38$ | | $\phi 5.5 \times L38$ |
| | 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 \pm 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 |
| | Upgrade port | / | 1.2 | 1.2 | / |
| Fiber Type | Corning SMF-28 with 900 μ m 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

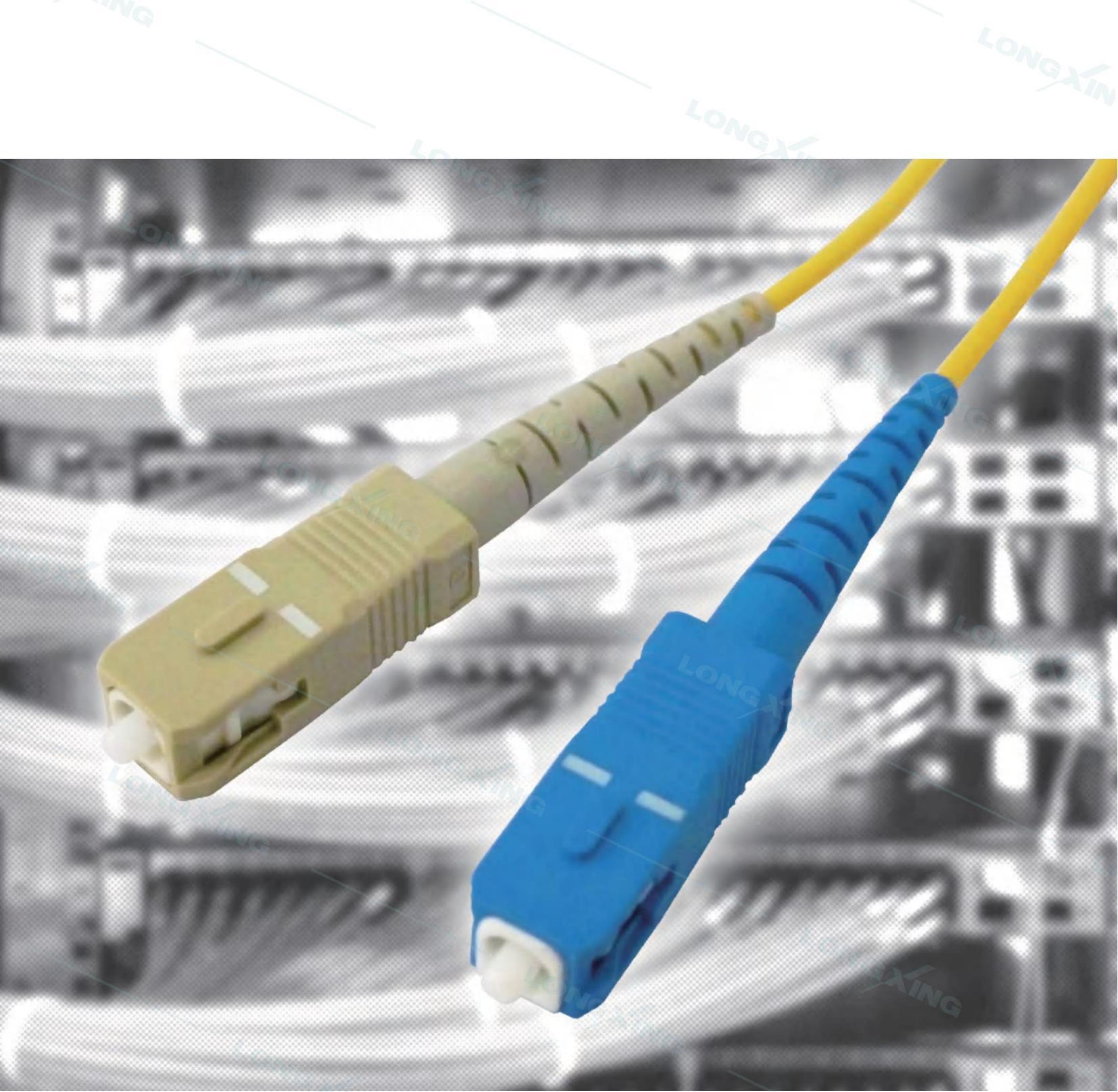
Module Type 1

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) | | | | | $-40 \sim +85$ | | | |

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) | | | | $-40 \sim +85$ | | |



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 | |
| 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 * | |

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 |
| D | G655 |
| K | G656 |
| P | G657A1 |
| L | G657A2 |
| B | OM1(62.5/125μm) |
| G | OM1(50/125μm) |
| Q | OM2(50/125μm) |
| W | OM3(50/125μm) |
| Y | OM4(50/125μm) |
| O | Other * |

Single Mode

| 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 | |
|--------|-----------|
| P | PC |
| U | UPC |
| A | APC |
| M | Multimode |

| Connector | |
|-----------|---------|
| 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:

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 |

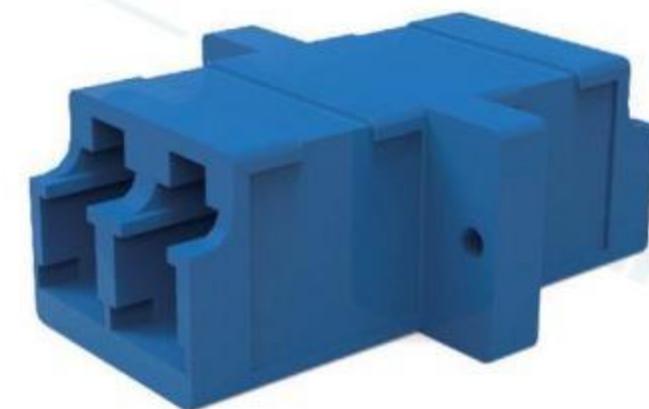
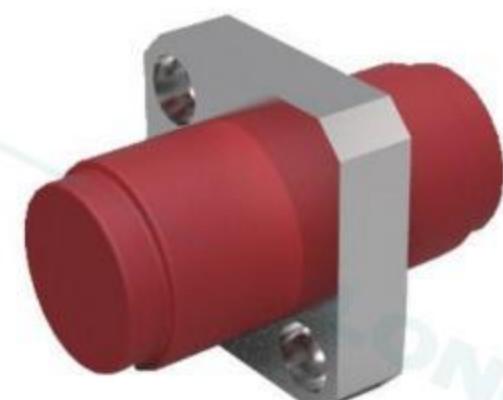
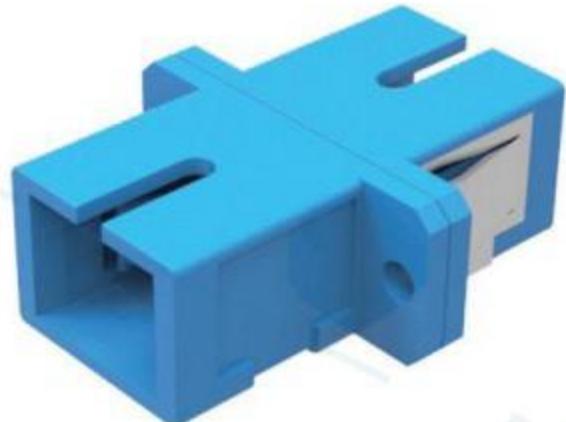
| |
|------------|
| Joint Form |
| FC = FC |
| SC = SC |
| LC = LC |
| ST = ST |
| MU= MU |
| MP= MPO |
| E2 = E2000 |
| OO= Other* |

Ordering Example:

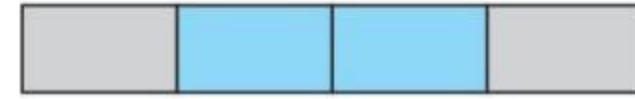
FOC-SMUA Simplex, MU, APC

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* |

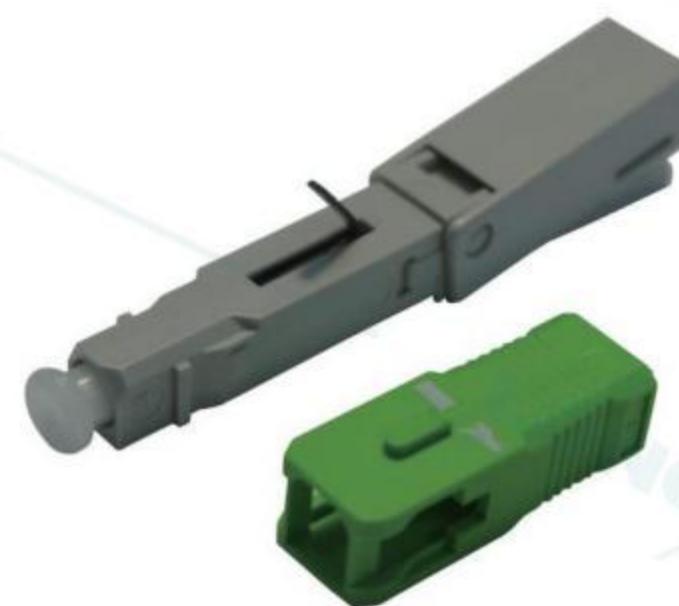
Ordering Example:

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 ~ +80 |
| Tensile Strength | | $\geq 30\text{ N}$ |
| Average Assembly Time | | $\leq 2\text{ minutes}$ |
| Assembly Repeatability | | $\geq 5\text{ times}$ |
| 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 | $\geq 5\text{ times}$ |
| Average Assembly Time | $\leq 3\text{ minutes}$ |
| Life-Time | $\geq 30\text{ years}$ |
| Tensile Strength | $\geq 30\text{N}$ (2.0x3.0 drop cable) |
| Operation Temperature | -40°C~+85°C |

64 Fast Connectors



| Model | External Dimensions (L*W) | Housing Length | Cap Length | Fiber Diameter | Insertion Loss APC | Insertion Loss UPC | Return Loss APC | Return Loss UPC | Fiber Retention Force |
|-------|--------------------------------------|----------------|------------|---|--|----------------------------|----------------------------|--|-----------------------|
| A | 57mm*9mm | 24.9mm | 16.5mm | 3.0*2.0mm drop cable; 3.0mm; 2.0mm | Avg \leq 0.25dB; Max \leq 0.4dB | 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 | | | Min. > 55dB Typ. > 55dB | Min. > 45dB Typ. > 50dB | | |
| E | 50mm*9mm | 20mm | 23.5mm | | | Min. > 55dB Typ. > 55dB | Min. > 45dB Typ. > 50dB | | |
| 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 0.2dB | \leq 0.2dB | > 60dB | > 50dB | 60N |

Cable Management Spools



T01

T02



T03



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

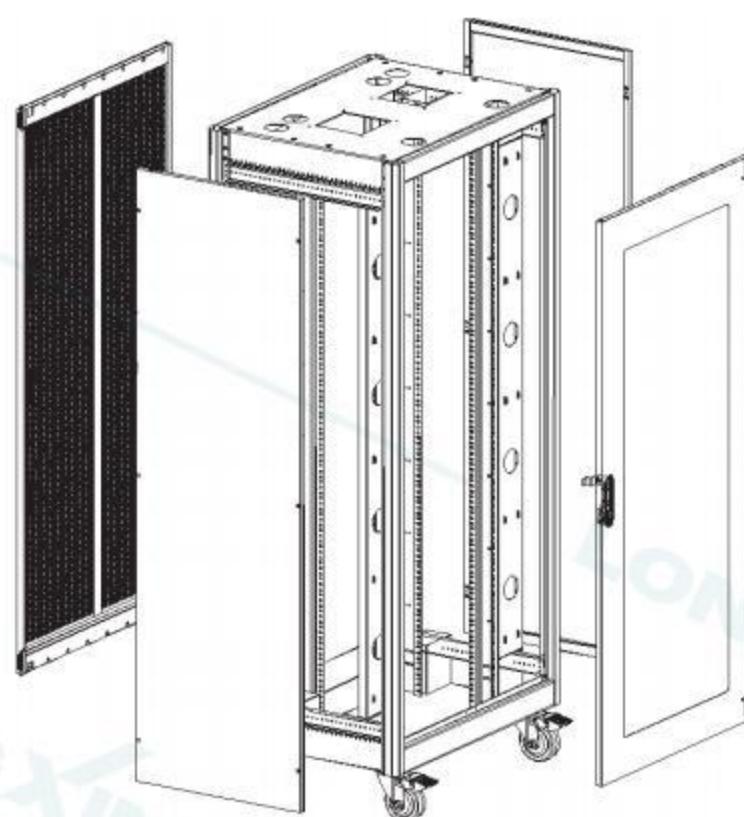
- LongXing Z9 Series Network Cabinet solutions for advanced storage, cooling, power distribution, cable management and security in data centres and network rooms.
- Designed to accommodate today's powerful computing hardware and scaleable to cater for emerging high end blade server and equipment technologies 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.



| 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" |
| 42U | 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" |
| | 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" |
| 18U | 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" |
| 14U | Z9-0606 | 600 | 24" | 600 | 24" | 540 | 21" | 1070 | 42" | 1000 | 24" |
| 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 | / |

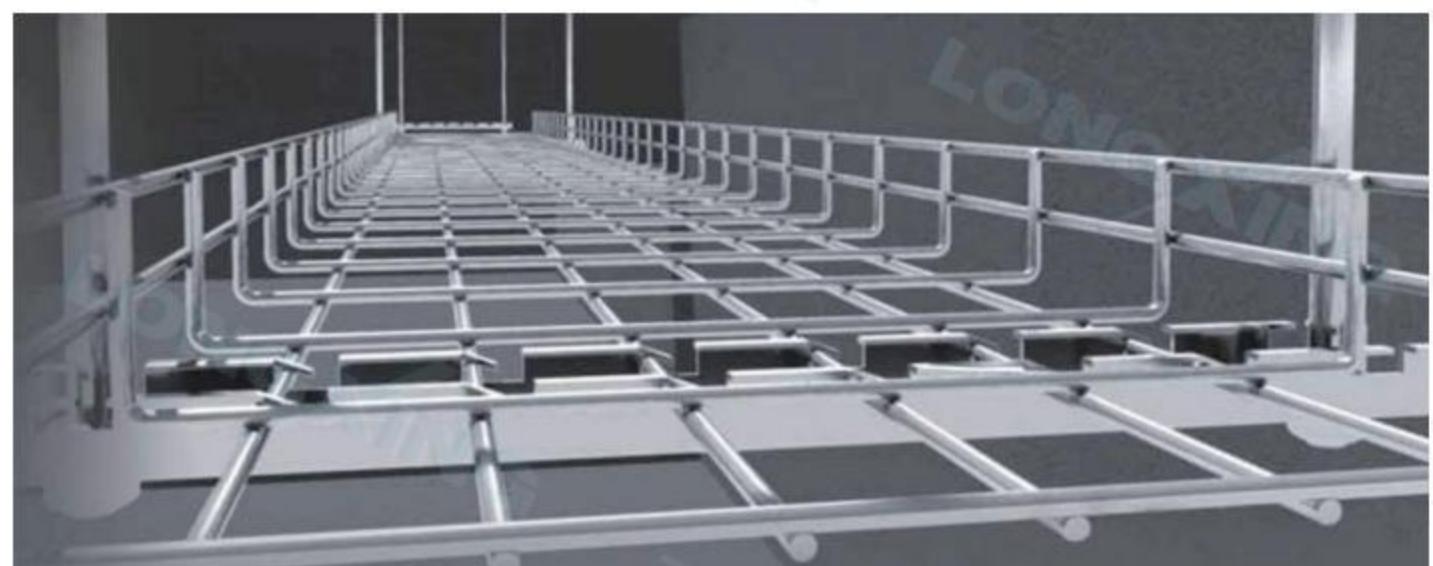
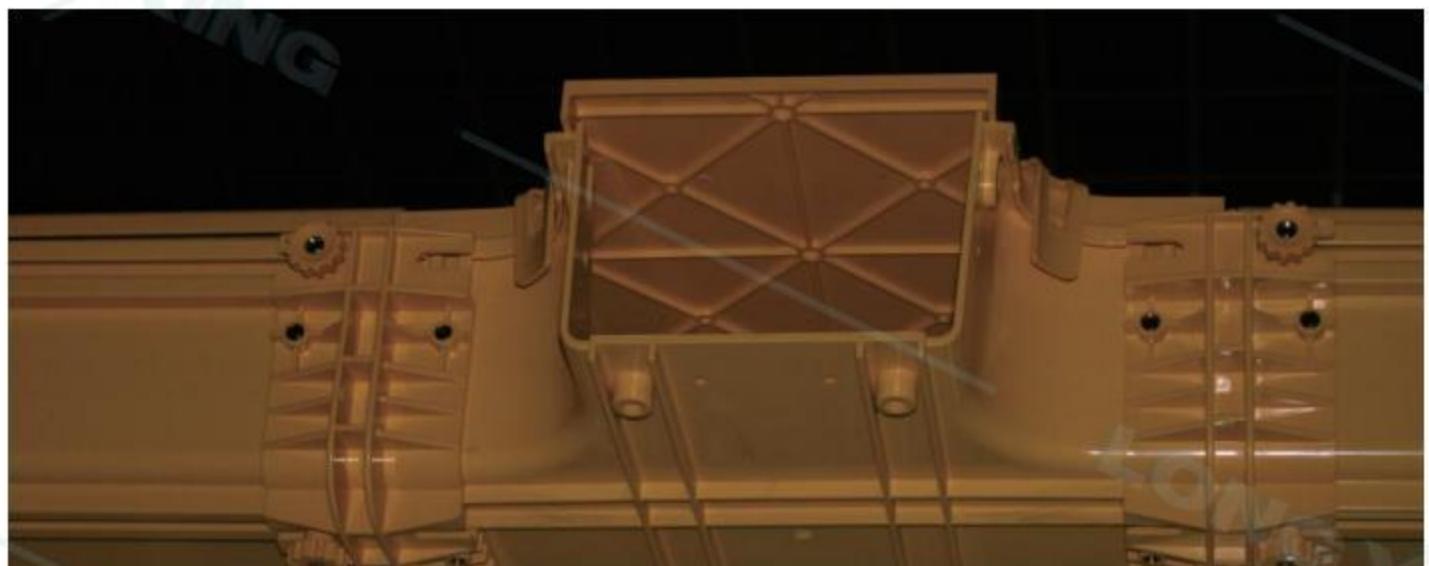


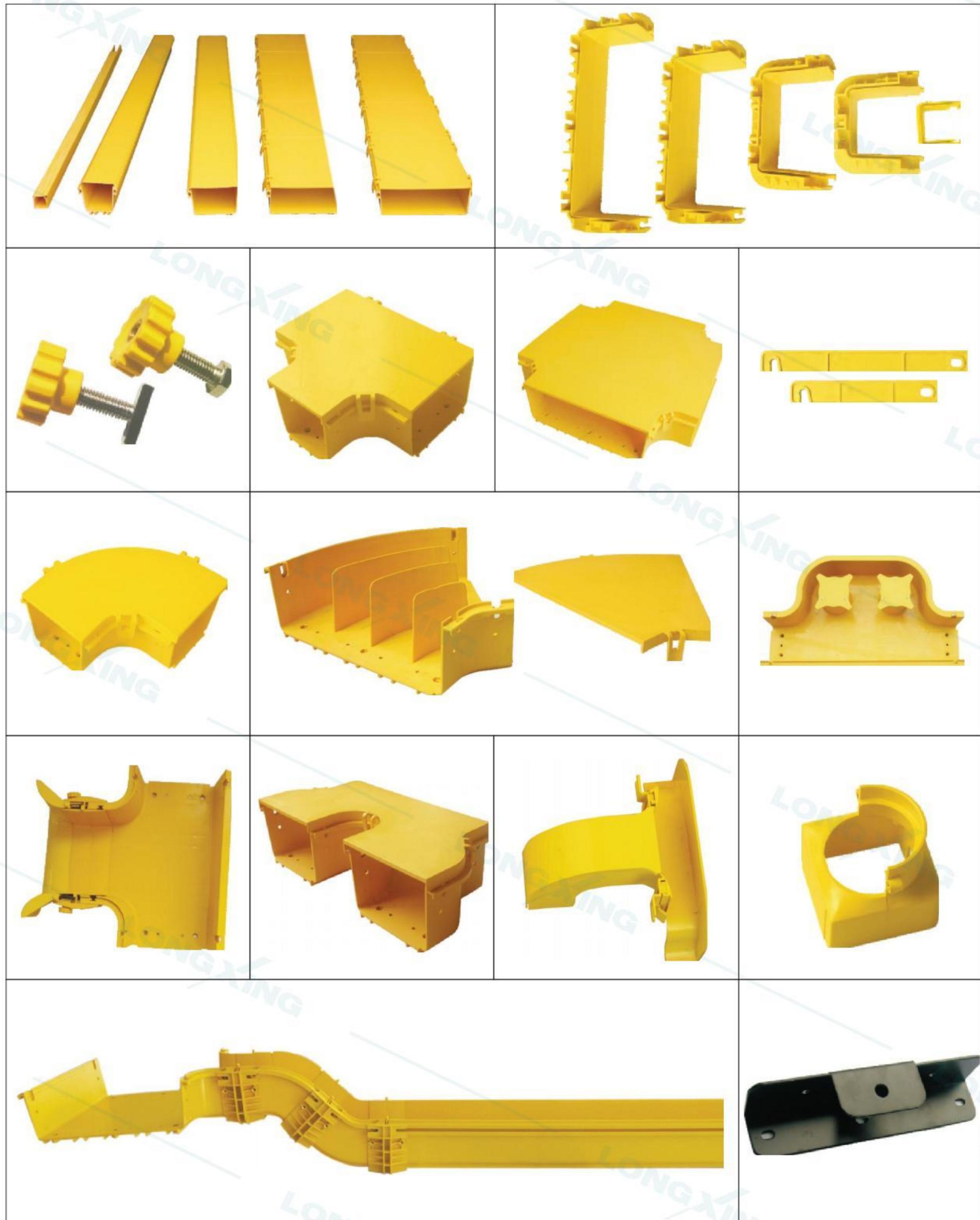
Cable Trays

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 | ≥0.99@220Vac/50A |
| Input protection | L-line fuse 15A Varistors for transient protection |

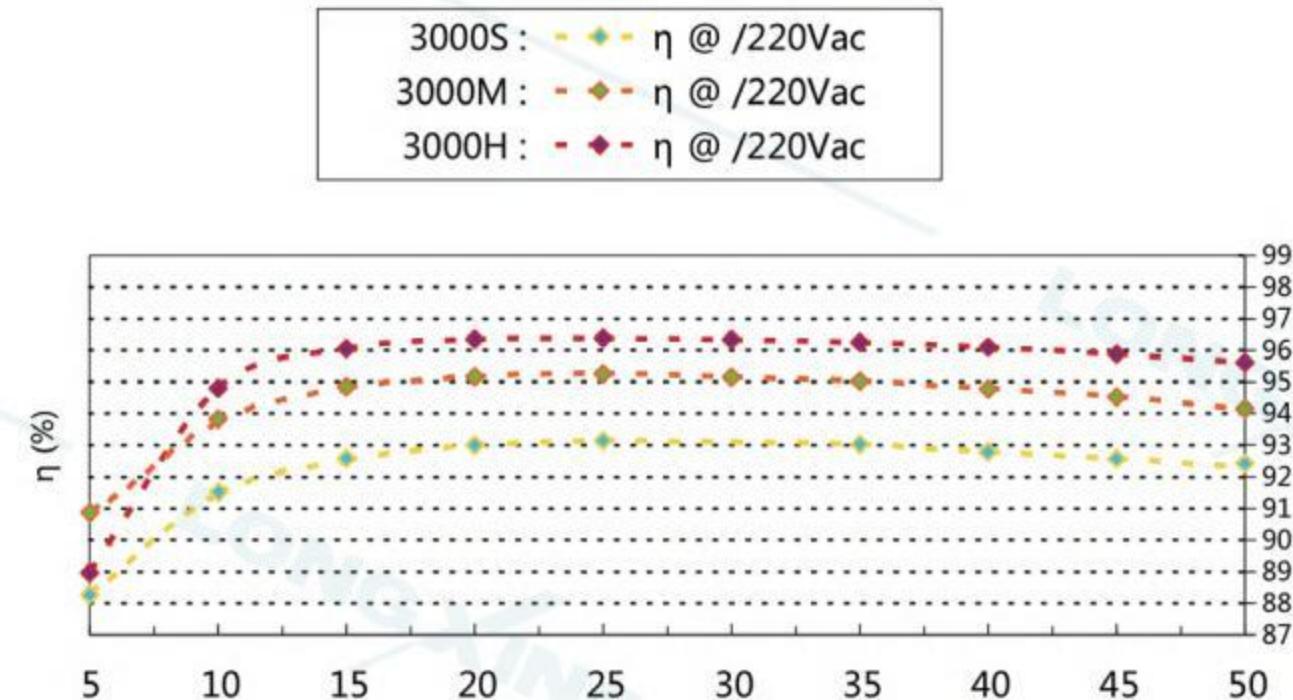
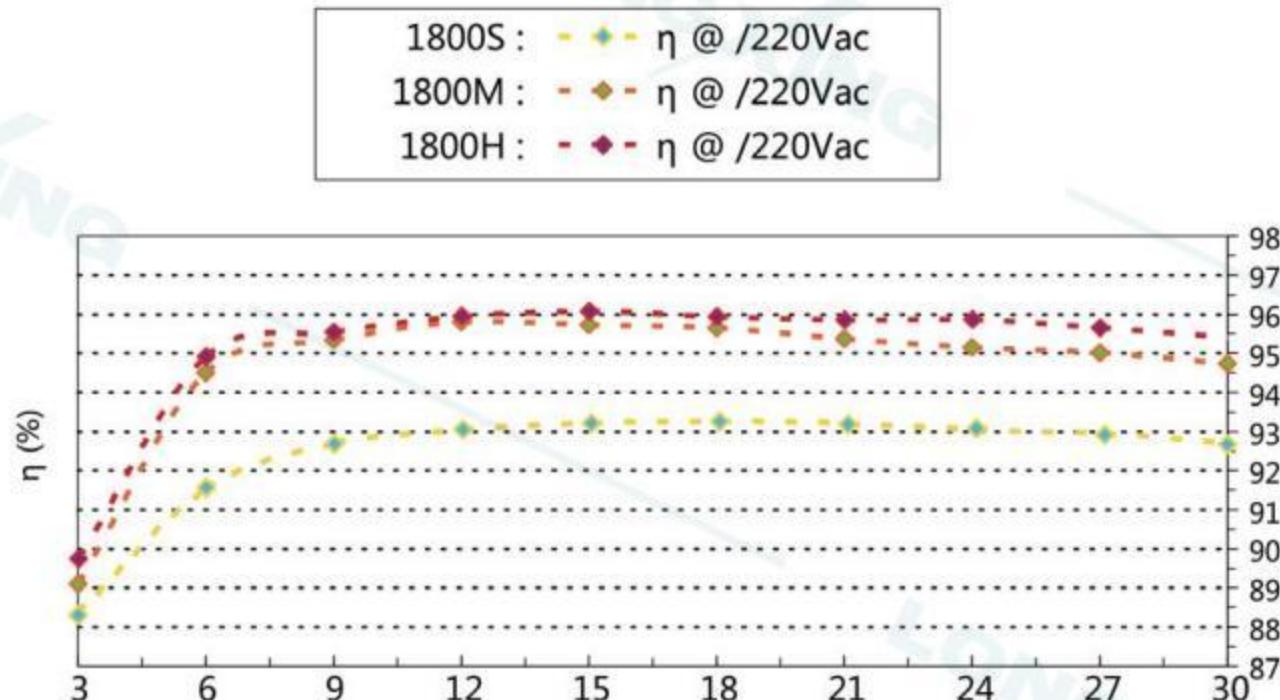
Efficiency

| | |
|----------|--|
| Standard | ≥95.0%@220Vac@peak, ≥94.0%@220Vac@100% load |
| High | ≥96.8%@220Vac@peak, ≥95.5%@220Vac@100% load |

DC Output

| | |
|----------------------------|---|
| Voltage | +53.5Vdc |
| Output power | 1800W(154Vac~300Vac), 900W(85Vac~154Vac) |
| Maximum current | 33A |
| Current sharing | 5% |
| Dynamic voltage regulation | ±5.0% for 10-90% or 90-10% load variation, regulation time < 200us |
| load regulation | ±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 swapable - Inrush current limiting Fuse Short circuit proof High temperature protection |

Output Current-Efficiency Curve



74 Monitoring System

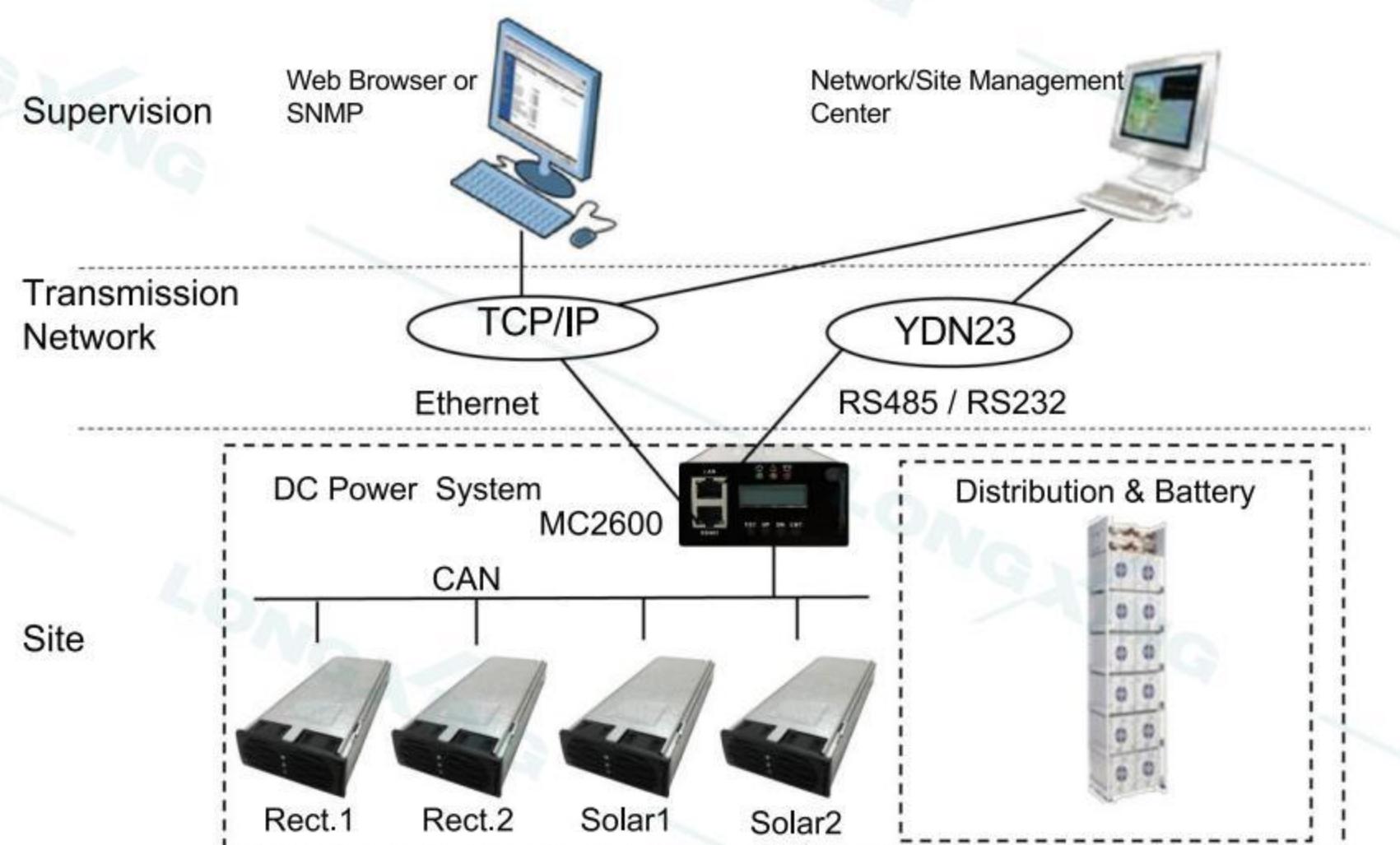
MC2600 is the new generation DC power controller module developed by LONGXING. The Controller module adopts ARM 32-bit Cortex-M4 CPU as primary controller, and RTOS as system platform. MC2600 offers many features and functions, and a more robust, user-friendly, and easy-to-use interface.



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

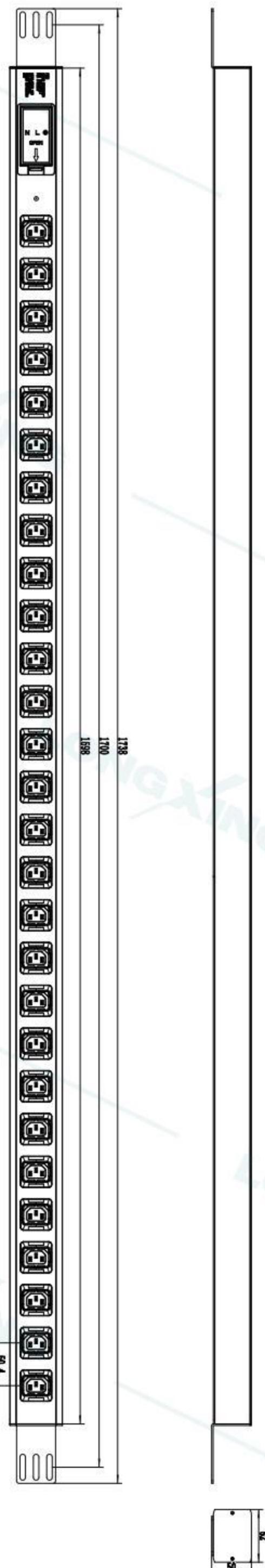
Overview

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 |

Power Distribution Units

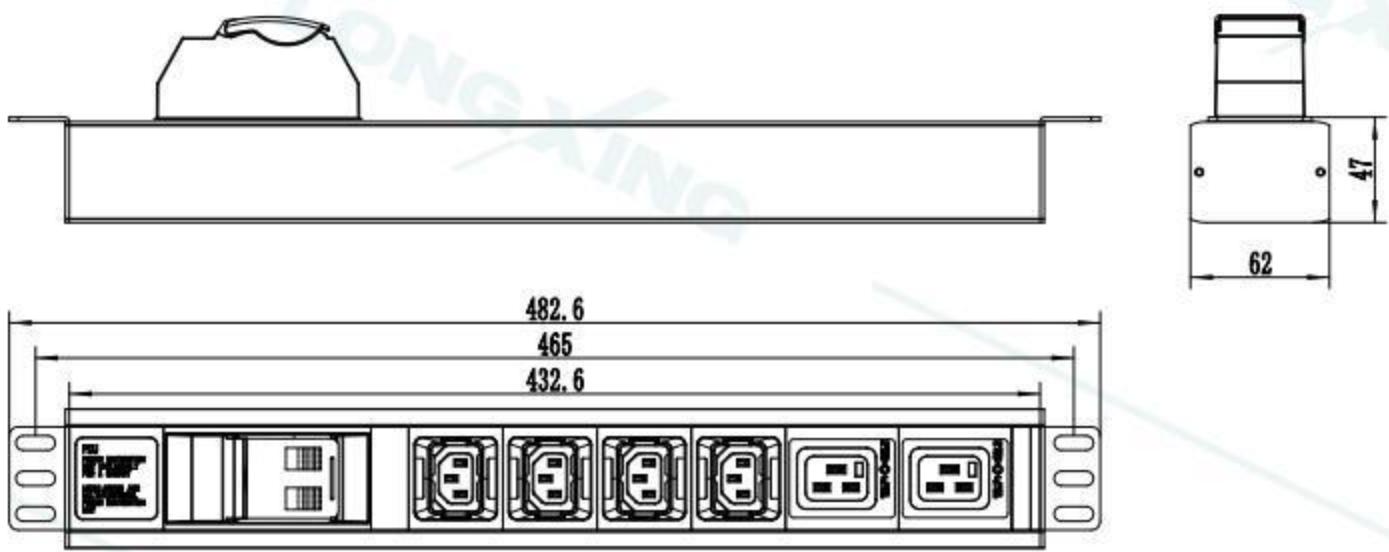


LongXing's Rack Power Distribution Unit (PDU) System is a family of products that delivers power and management to connected IT equipment through a global and comprehensive offering including Basic, Managed and Adaptive Rack PDU systems.

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 site requirements.

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

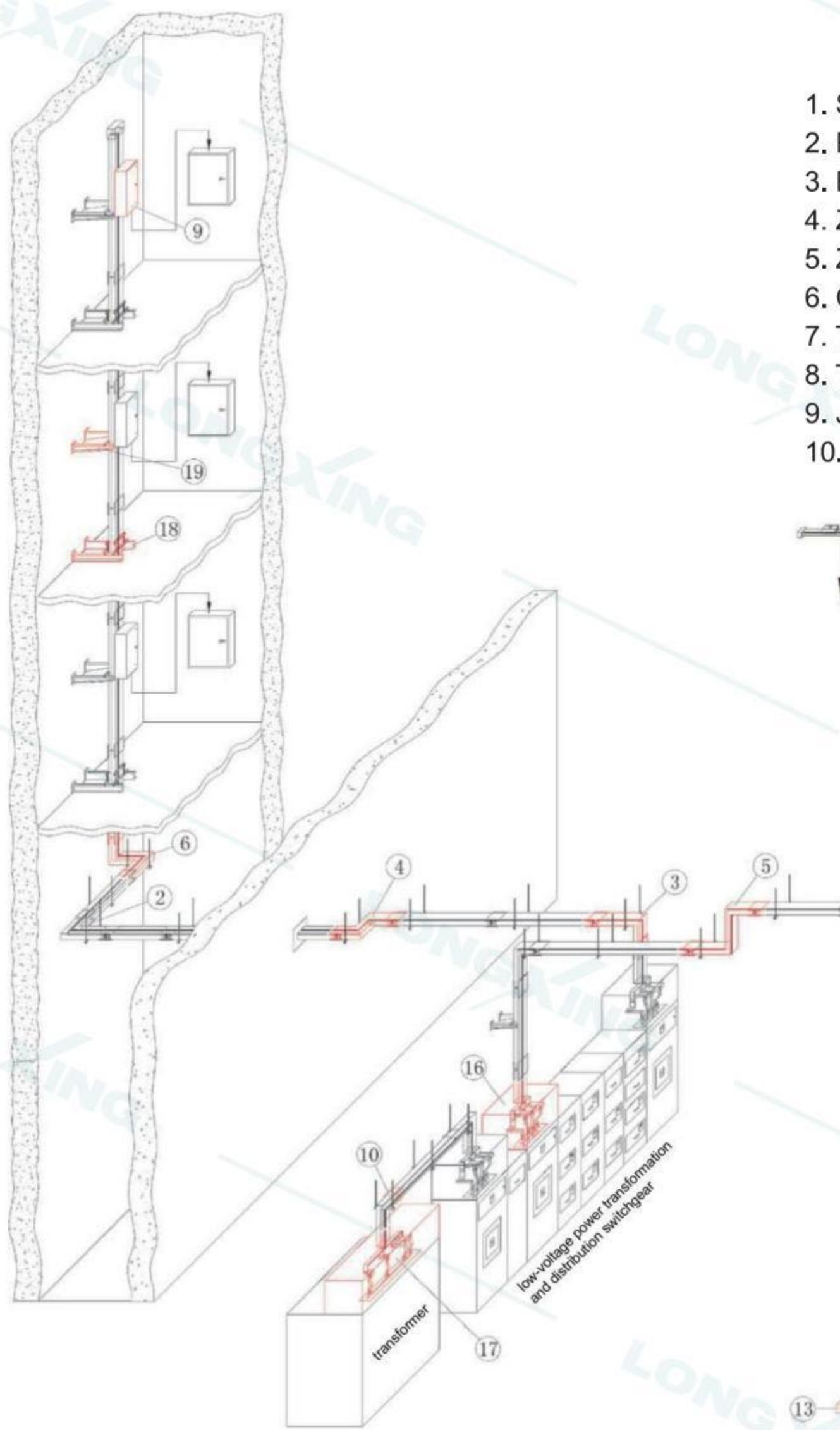
After determining your requirements, refer to the data and specifications for each product.



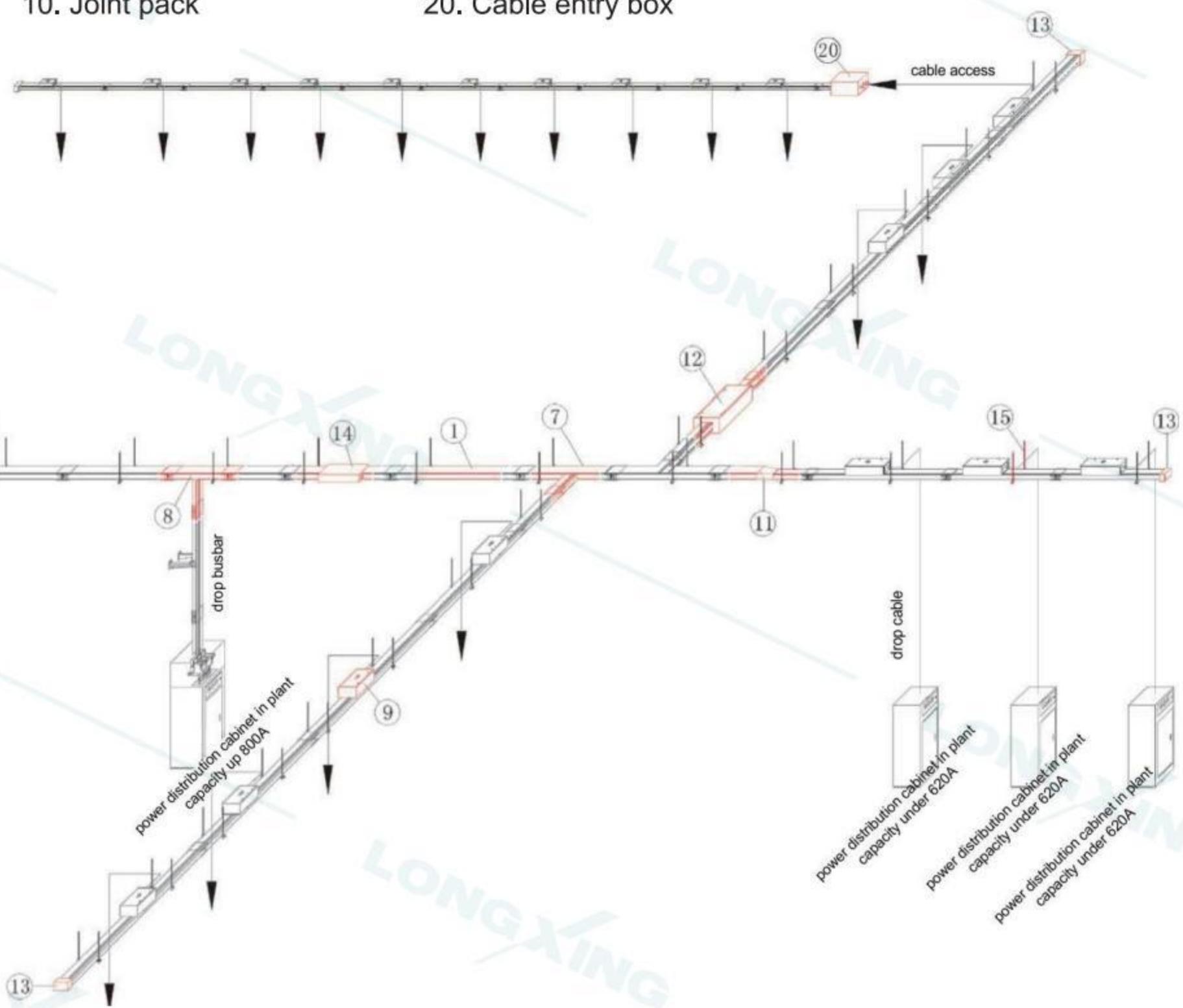
Optional Output Units

| 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 from 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.



- 1. Straight section
- 2. Flatwise elbow
- 3. Edgewise elbow
- 4. Z flatwise elbow
- 5. Z edgewise elbow
- 6. Combination elbow
- 7. T flatwise elbow
- 8. T edgewise elbow
- 9. Jack box
- 10. Joint pack
- 11. Reduction
- 12. Reduction with protection
- 13. End cover
- 14. Expansion joint,
- 15. Horizontal hanger
- 16. Entry box + entry flange + connection copper bar
- 17. Entry box + entry flange + flexible connection
- 18. Spring bracket
- 19. Mid-fixed bracket
- 20. Cable entry box



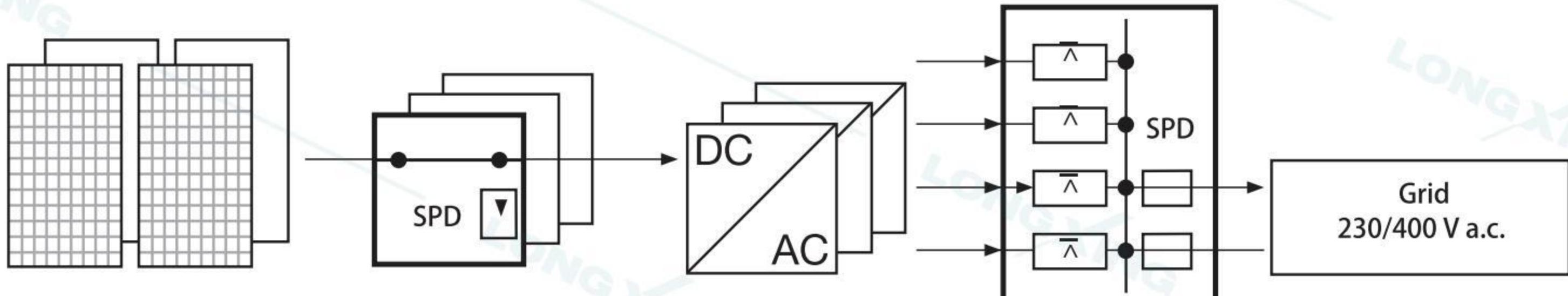
78 DC Combiner Box



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 (mm ²) | 4~6 | | | |
| Output wire diameter (mm ²) | 2*50-500 | | | |
| Ground wire diameter(mm ²) | ≥16 | | | |
| Operating temperature | -25 ~ +50°C | | | |
| Storage temperature | -40 ~ +70°C | | | |
| Product size(H*W*D) | 700*500*160mm | 850*600*160mm | 1000*600*200mm | 1100*600*200mm |





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 | | |
| Input circuits | | 2 | | 3 | | 4 | | |
| 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 | |

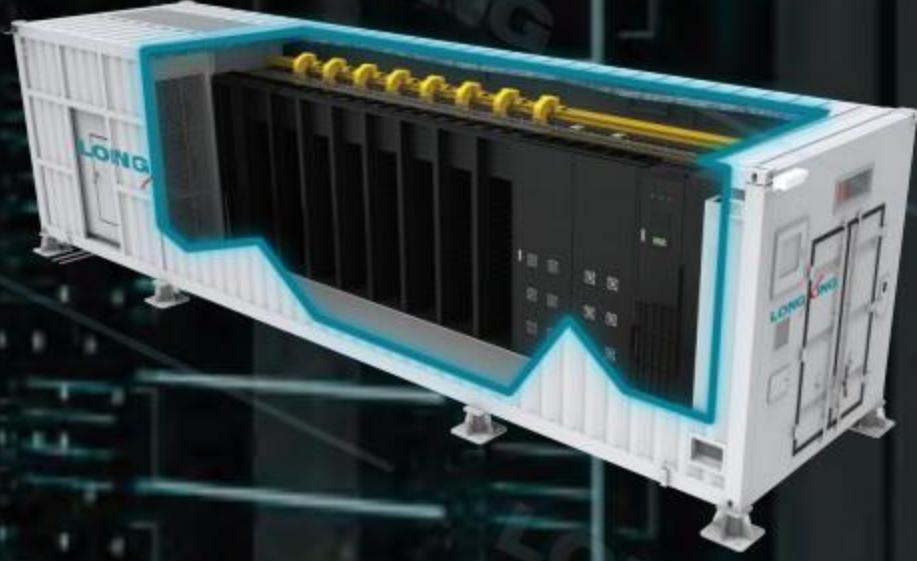
DATA CENTRE

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 ² |
| 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 | Separate tower UPS + battery stand |
|  Design | Required in advance | Proven solution | Pre-installed and wired |
|  Installation | Complicated with different suppliers | Plug & play | Low integration, wall mount |
|  Cabling | Hard to organise | Factory settled | High |
|  Set Up Time | 15-20 days | 1 day | Minimal |
|  Floor Area | 10-20 sqm | 1.38 sqm | Complex for integrating all systems |
| | | | Integrated and tested |
| | | | Neat & organized |
| | | | Standard network cabinet looking |
| | | | By different suppliers |
| | | | LongXing |

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/m²

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)

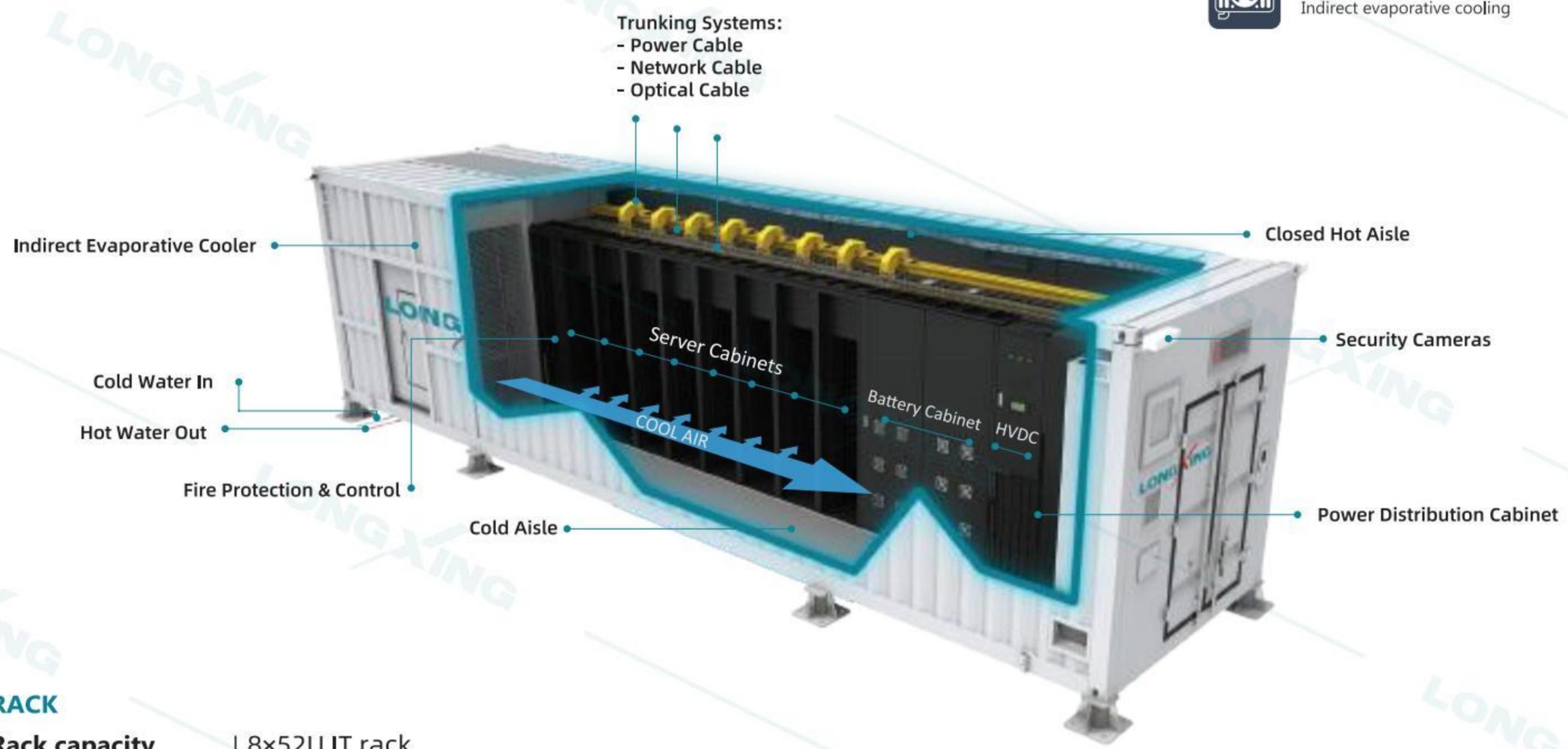
RACK
8*52U IT rack

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.





Remarks:

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.





LongXing

LONGXING

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