LONGXING
Since 1983

We Shape Solutions

www.lxtelecom.com

Product Guide |

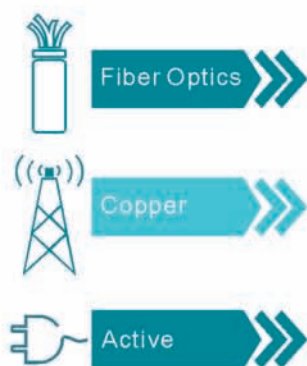## Products & Services

Fiber Optics

Copper

Active

Customized **FTTX** Solutions

- Customised FTTx Solutions
- Optical Fiber Distribution Frames
- Patch Panels
- Distribution Boxes (Optical & Copper)
- Cross-Connect Cabinets (Optical & Copper)
- Outdoor Cabinets
- Network Rack Cabinets
- Optical Cable Splice Closures
- Optical Cable Tray / Raceway Systems
- Power Solutions (PDU & Heat Exchangers
  & Rectifier Modules & Switching Power Supply)
- Optical Splitters
- Optical Distribution Modules / Splice Tray
- Fiber Optic Adapters / Patch Cords / Pigtails
- Optical Tools / Accessories
- Digital Distribution Frames
- Busbar Trunking System

Qualification

ISO 14001

ISO 9001

Quality Guarantee

Alibaba Assessment

History of LongXing

Establishment		2nd Factory		Supplier of Beijing Olympics		3rd Factory	
1983	1996	1998	2003	2008	2009	2010	2015
	ISO 9001		ISO 14001		$100M		4th Factory

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LONGXING

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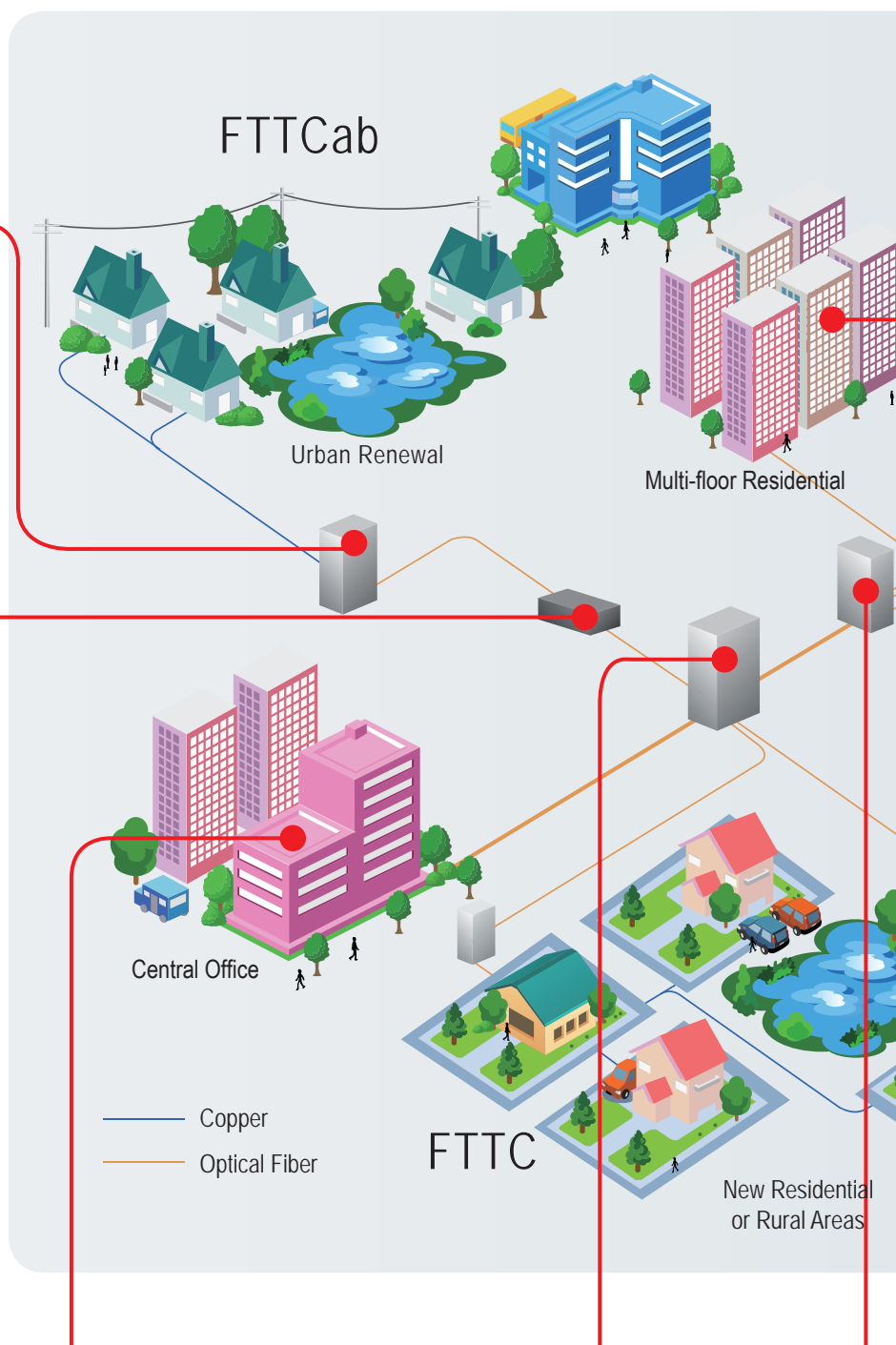Optical Cable Tray

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FTTCab

Urban Renewal

Multi-floor Residential

Central Office

—— Copper
—— Optical Fiber

FTTC

New Residential
or Rural Areas

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Optical
Cabi

FTTX Solutions by LongXing

FTTH

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Optical Distribution Box with Splitters

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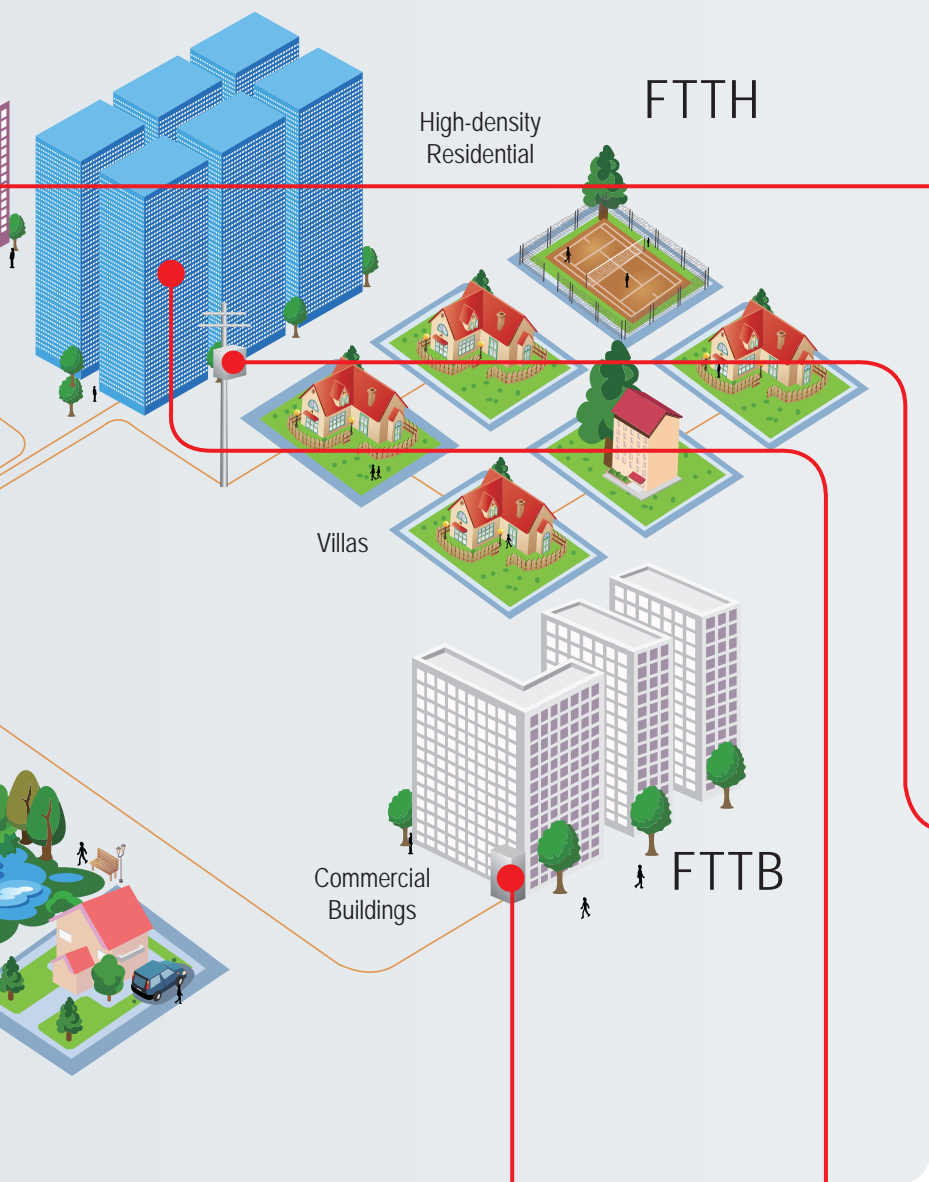
Optical Distribution Box

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Optical Termination Box

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LONGXING

04 High Density 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.

For more designs and details:
http://www.lxtelecom.com/fiber-optics/optical-fiber-distribution-frames/hd-odf-gpx82-9.html

Up to 4752 Cores!

MAYBE THE HIGHEST DENSITY ODF IN THE WORLD

GPX82-9-1

Features

- Supports 4752 LC or 3168 SC ports per frame: Saves space through increased port density.
- Rear cable access only.
- 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.

Series H

NEW

	Dimensions(H*W*D)mm	Max Capacity(SC)	Max Capacity(LC)	Patch Panels with Regular Rail		
GPX82-9-1	2200*760*610	3168	4752	Model	SC	LC
				1U	72	108
				2U	144	216
				3U	216	324
				4U	288	432

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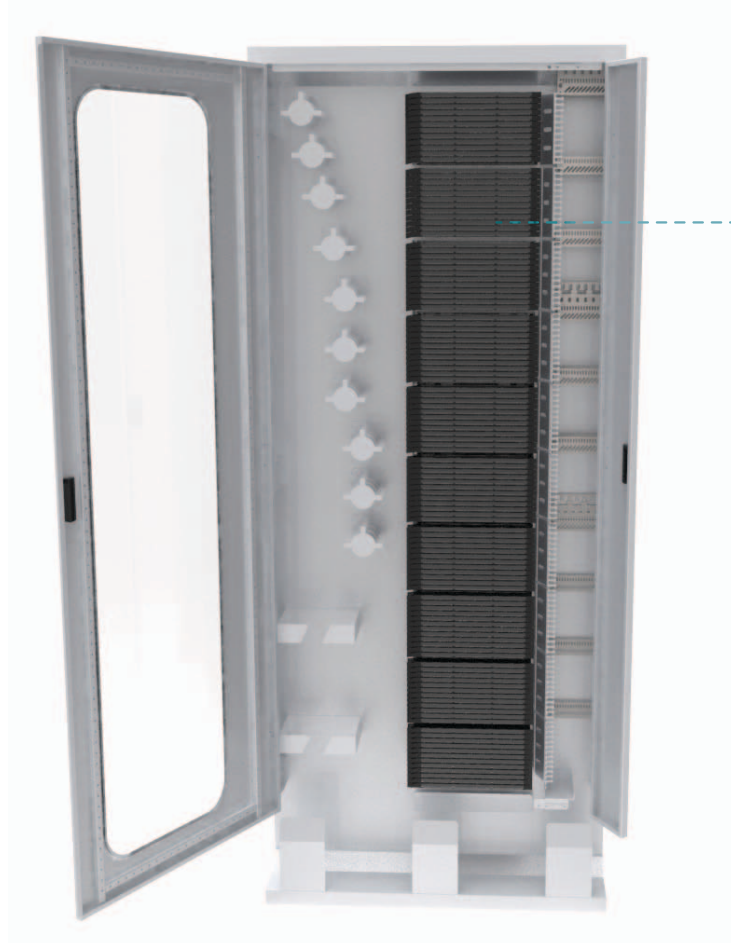≫ **For more designs and details:**

http://www.lxtelecom.com/fiber-optics/optical-fiber-distribution-frames/hd-odf-gpx82-9-2.html

NEW

Series H

GPX82-9-2

Features

● Supports 4,320 LC or 2,880 SC ports per cabinet: Saves space through increased port density.
● Front cable access only.
● Allows for back-to-back frame configuration.
● 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
				3U	216	324
				4U	288	432

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High Density ODF

GPX82-10

Features

- 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.

NEW
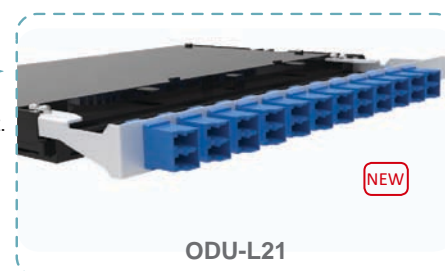
ODU-L21

	Dimensions(H*W*D)mm	Max Capacity(SC)	Max Capacity(LC)	Patch Panels		
GPX82-9-2	2200*900*300	1008	2016	Model	SC	LC
				3U	72	144

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For more designs and details:
http://www.lxtelecom.com/fiber-optics/optical-fiber-distribution-frames.html
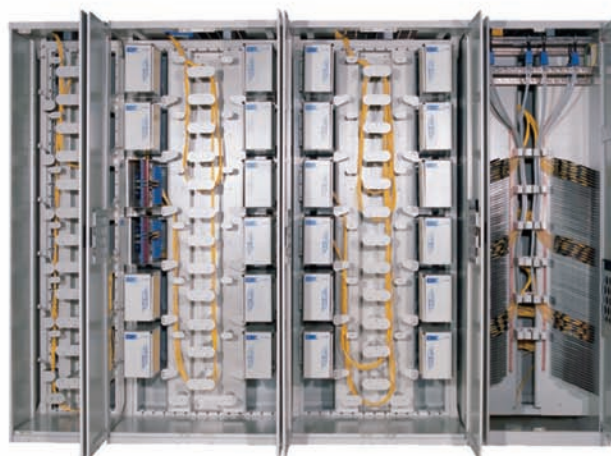
GPX82-4

GPX82-1-2

GPX82-2

GPX82-6B

	Dimensions (H*W*D)mm	Panels	Max Capacity (FC)	Max Capacity (SC/LC)		Dimensions (H*W*D)mm	Panels	Capacity
GPX82-2	2600*840*300	12	864	1728	GPX82-1-2	2600*900*300	8	576
	2200*840*300	8	576	1152		2200*900*300	6	432
	2000*840*300	7	504	1008		2000*900*300	4	288
GPX82-4	2600*840*300	12	864	1728		2600*600*300	4	288
	2200*840*300	8	576	1152		2200*600*300	3	216
	2000*840*300	7	504	1008		2000*600*300	2	144

	Description	Dimensions(H*W*D)mm	Capacity	Remark
GPX82-6B	Fiber Storage Frame	2200*480*700		Disc-shape splice trays and 6-position adapter holders are adopted.
	Integrated Splice Frame	2200*720*700	12FO/tray, 144trays/frame	
	Basic Distribution Frame	2200*900*700	72FO/unit, 864FO(12units)/frame	
	Expansion Distribution Frame	2200*900*700	72FO/unit, 864FO(12units)/frame	

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Patch Panel

- LongXing fiber optic patch panels provide a centralised point for termination, splice, storage and distribution of optical fibers.
- LongXing offers perfect solutions for the crucial elements of fiber cable management; connector and cable accessibility, bend radius protection, cable routing paths and physical protections through these patch panels.
- The patch panels are mountable on 19"-23" racks.

» **For more designs and details:**
http://www.lxtelecom.com/fiber-optics/patch-panels.html

ODU-L21

Features

- Compact 3U patch panel, accommodates 6 fiber trays.
- Max capacity of 24 fibers for each fiber tray.
- Max capacity of the patch panel is 144 fibers for LC Duplex adapters.
- 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 35mm and professional cable management.
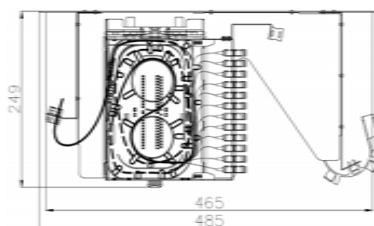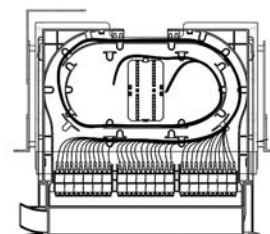
Model	Dimension(mm)			Capacity	
	Height	Depth	Width	SC	LC
ODU-L21	3U	258	19"/21"/23"	72	144

ODU-L11

Features

- Designed for a high-density fiber management system.
- Easy installation:19", 21" and 23" rack mounting.
- 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 (ultra high desity).
- Protected patch panel offers secure environment for adapters, patch cords and pigtails.
- Adoptable adapter types: SC, LC.

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

◈ **For more designs and details:**
http://www.lxtelecom.com/fiber-optics/patch-panels.html

ODU-L10

Features
- Removable trays for easy upgrade (each tray can hold 12 adapters FC, SC, LC/Duplex).
- Tray have two different areas, one for splicing and the other for patching.
- Multiple configurations combining patching and splicing.
- 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.
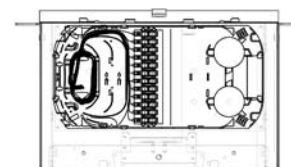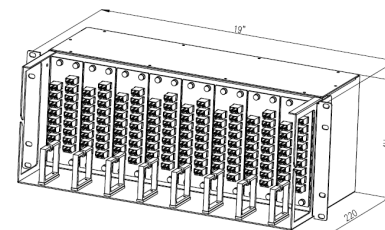
Model	Dimension(mm)			Capacity	
	Height	Depth	Width	FC/SC/ST	LC duplex
ODU-L10	1U	280	19"/21"	24	48
	2U	280	19"/21"	48	96
	3U	280	19"/21"	72	144
	4U	280	19"/21"	96	192

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.

Model	Dimension(mm)			Capacity	Quantity of Splitters
	Height	Depth	Width		
ODU-L27	4U	220	19"	192 for LC	Qty.8,2*32
	4U	220	19"	96 for SC	Qty.4,2*32

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Patch Panel
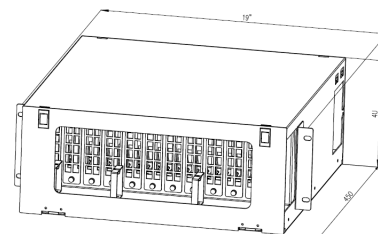
ODU-L25

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'' wall mounting.
● For standard 19'' racks use (other rack width options available on request).
● Adoptable adapter types: SC simplex adapters and LC duplex adapters.

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

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.
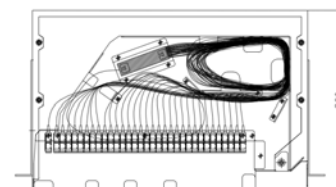
Model	Dimension(mm)			Capacity	Quantity of Splitters
	Height	Depth	Width		
ODU-L24	1U/44.5mm	280	19"	32 SC	Qty.1,1*32 / 2*32
	1U/44.5mm	280	19"	64 LC	Qty.1,1*64 / 2*64

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❯ **For more designs and details:**
  http://www.lxtelecom.com/fiber-optics/patch-panels.html

ODU-L23

Features
● Loaded with OSP-M1 PLC Splitter.
● 3U 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.
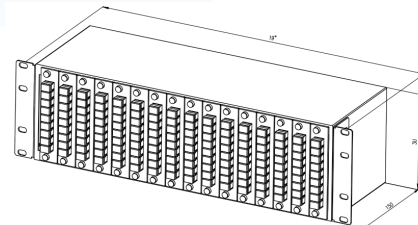
Model	Dimension(mm)			Capacity	Quantity of Splitters
	Height	Depth	Width		
ODU-L23	3U	150	19"	96	Qty.8,1*16
	3U	150	19"	96	Qty.4,2*32

ODU-L22

Features
● Loaded with OSPM PLC Splitter (LGX Box)
◆ 1U Rack Mount to hold 3 pieces of 1*8 OSPM PLC Splitter (LGX Box).
◆ 2U Rack Mount to hold 3 pieces of 1*16 OSPM PLC Splitter (LGX Box).
◆ 3U Rack Mount to hold 12 pieces of 1*8 OSPM PLC Splitter (LGX Box).
◆ 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.
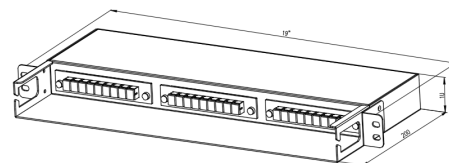● Provides a complete system solution for connectivity.

Model	Dimension(mm)			Capacity	Quantity of Splitters
	Height	Depth	Width		
ODU-L22	1U	200	19"	24	Qty.3,1*8
	2U	200	19"	48	Qty.3,1*18
	3U	200	19"	96	Qty.12,1*8

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Patch Panel

◈ **For more designs and details:**
   http://www.lxtelecom.com/fiber-optics/patch-panels.html
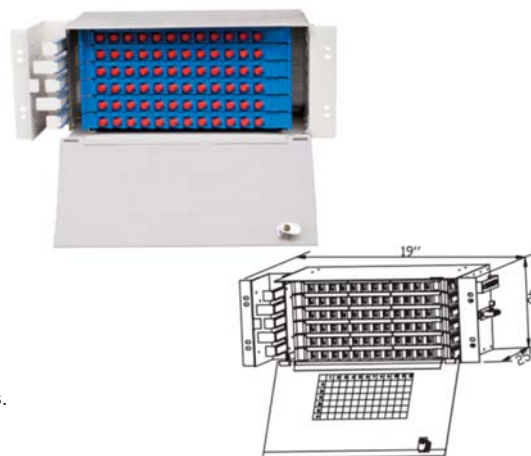

ODU-L1
Previous Model Number: GPX82-ZK2

Features
● Front rack mount brackets work most network cabinets.
● 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 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.

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

ODU-L2

Features
● Front rack mount brackets work with most network cabinets.
● Removable front door with designation labels.
● Integrated splicing, distribution with fiber storage.
● Vertical cable guides on exit side allow for managed routing and protection of the fiber exiting the panel.
● Multi-functions - Works with all *LongXing Series A modules* (not just for splicing & terminating, also with options for fiber storage).
● Protected patch panel offers secure environment for adapters, patch cords and pigtails.
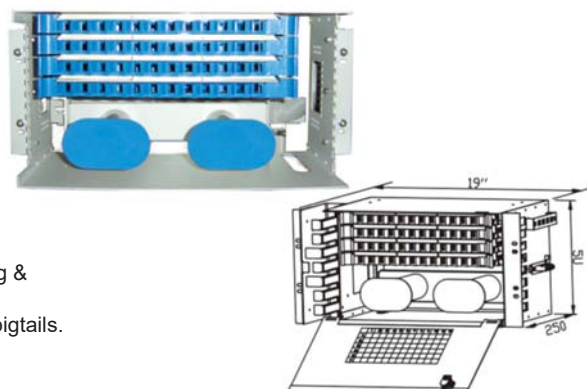● Adoptable adapter types: FC, SC, ST simplex adapters and LC duplex adapters.

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

» **For more designs and details:**
http://www.lxtelecom.com/fiber-optics/patch-panels.html

ODU-L3

Features
● Front rack mount brackets work most network cabinets.
● Removable front door with designation labels.
● Function of fiber storage.
● Vertical cable guides on exit side allow for managed routing and protection of the fiber exiting the panel.
● Protected patch panel offers secure environment for fibers.

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

ODU-L4
Previous Model Number: GPX82-2-ODB2

Features
● Removable front door with designation labels.
● 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.
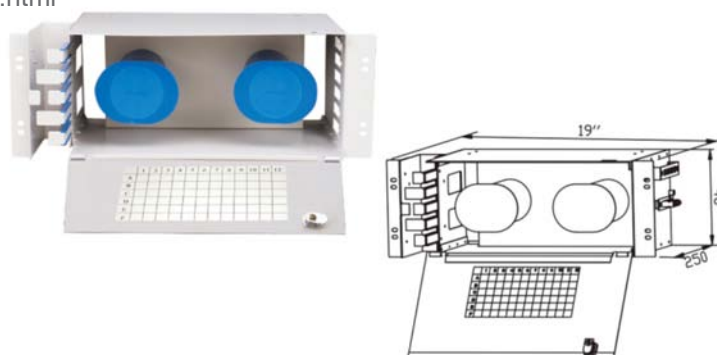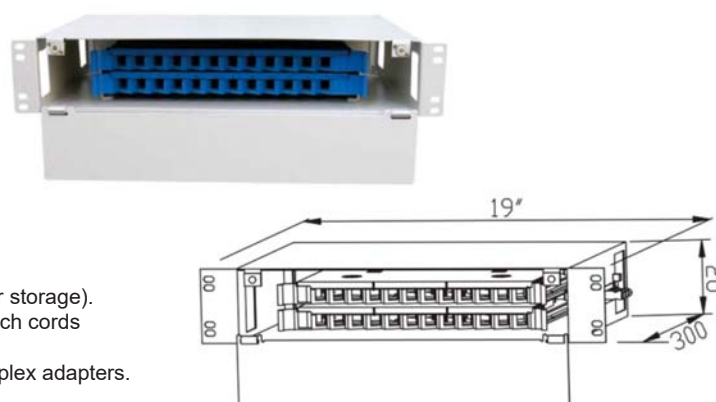
Model	Dimension(mm)			Capacity				
				Module A1			Module A3	
	Height	Depth	Width	Capacity		Module Capacity	Capacity	Module Capacity
				FC/SC/ST	LC duplex		FC/SC	
ODU-L4	1U	300	19"/21"/23"	12	24	1	24	1
	2U	300	19"/21"/23"	24	48	2	48	2
	3U	300	19"/21"/23"	36	72	3	72	3
				48	96	4	96	4
	4U	300	19"/21"/23"	60	120	5	120	5
				72	144	6	144	6

*For more details of *Fiber Modules*, please visit: www.lxtelecom.com/products/fiber-modules/

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**For more designs and details:**
http://www.lxtelecom.com/fiber-optics/patch-panels.html

ODU-L5
Previous Model Number: GPX82-RRM

Features
● For stand 19" racks use (other rack width options available on request).
● 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.
● Adopatable adapter types: FC, SC, ST simplex adapters and LC duplex adapters.
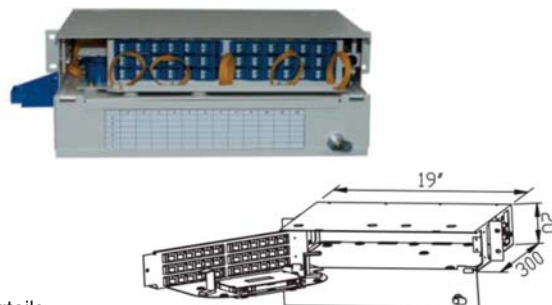
Model	Dimension(mm)			Capacity	
	Height	Depth	Width	FC/SC/ST	LC duplex
ODU-L5	1U	300	19"/21"/23"	12	24
				24	48
	2U	300	19"/21"/23"	36	72
				48	96
	3U	300	19"/21"/23"	60	120
				72	144
	4U	300	19"/21"/23"	84	168
				96	192

ODU-L6
Previous Model Number: GPX82-RRM2

Features
● Minimun bend radius controlled.
● Rotate Type, very easy installation and maintenances.
● Cable fixing units provided.
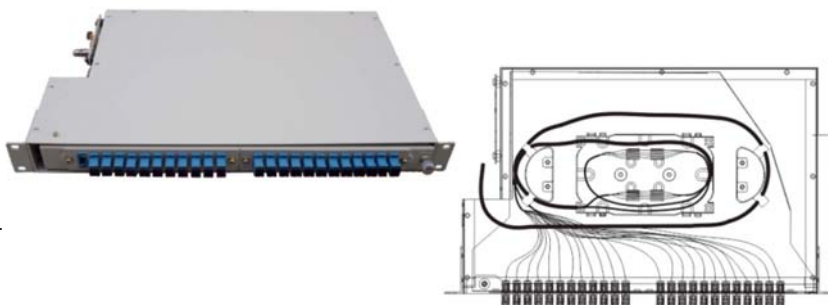
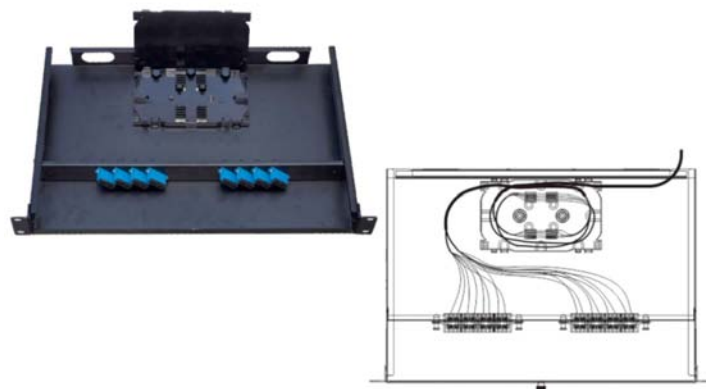| Model	Dimension(mm)			Capacity	
	Height	Depth	Width	FC/SC/ST	LC duplex
ODU-L6	1U	280	19"/21"/23"	24	48
	2U	280	19"/21"/23"	48	96

ODU-L7
Previous Model Number: TGP-Y0904

Features
● Removable front-top cover for easier operations.
● Protected patch panel offers secure environment for adapters, patch cords and pigtails.
● Height: 1U-2U, depends on capacity and adapter type chosen.
● Adoptable adapter types: FC, SC, LC, ST, E2000.
● Adapter Panel adopted for easy operation.

Model	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
Previous Model Number: TGP-Y0902

Features
● Easyoperations: 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, LC.
● Options of Splice trays & fiber management guides.
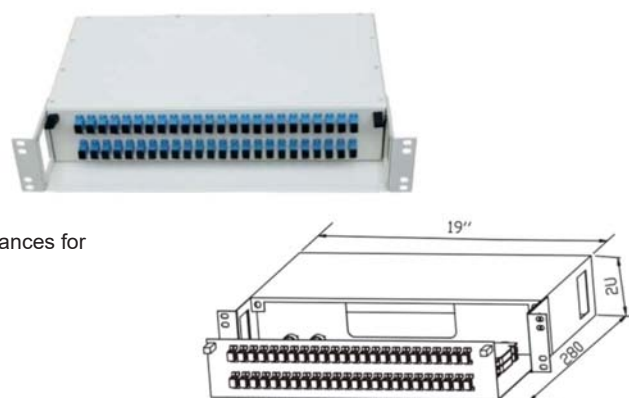
Model	Dimension(mm)			Capacity	
	Height	Depth	Width	FC/SC/ST	LC duplex
ODU-L8	1U	300	19"/21"/23"	24	48
	2U	300	19"/21"/23"	48	96

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Patch Panel

ODU-L9

Features
● Easy installations: 19", 21" and 23" wall 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.
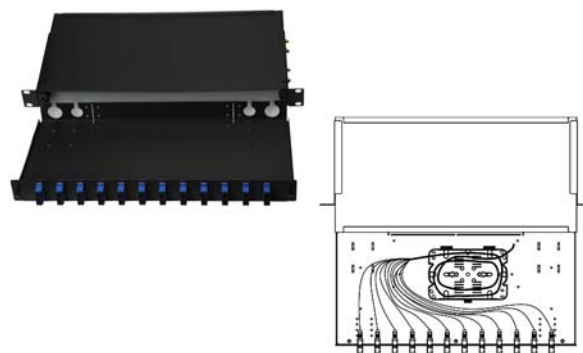
Model	Dimension(mm)			Capacity	
	Height	Depth	Width	FC/SC/ST	LC duplex
ODU-L9	1U	260	19"/21"/23"	48	60

ODU-L16

Features
● Top quality steel with electrostatic painted ensures the strong body and pleasing appearance.
● Easy installation: 19", 21'' and 23'' wall 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.
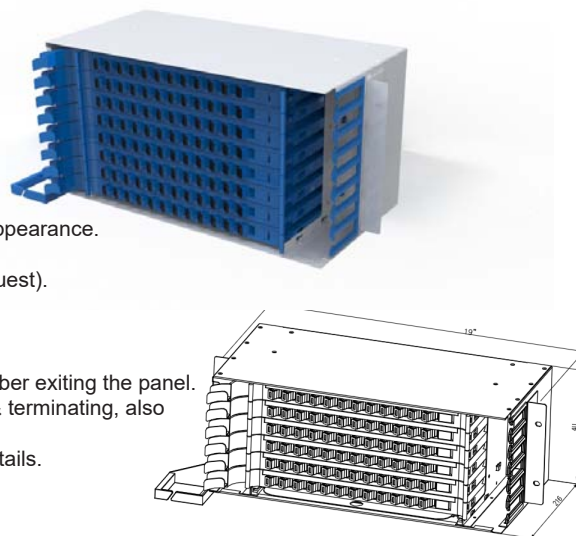
Model	Dimension(mm)			Capacity				
				Module A1			Module A3	
	Height	Depth	Width	Capacity		Module Capacity	Capacity	Module Capacity
				FC/SC/ST	LC duplex		FC/SC	
ODU-L16	2U	216	19"/21"/23"	24	48	2	48	2
	3U	216	19"/21"/23"	48	96	4	96	4
	4U	216	19"/21"/23"	72	144	6	144	6
	5U	216	19"/21"/23"	96	192	8	192	8

⊗ For more designs and details:
http://www.lxtelecom.com/fiber-optics/patch-panels.html

ODU-L19

Features
● UP to 144Fiber LC Ports.
● Qty. 6 MTP/MPO Cassettes with 12/24 LC.
● 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.
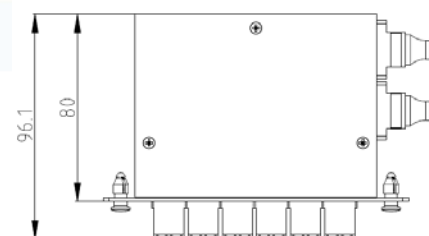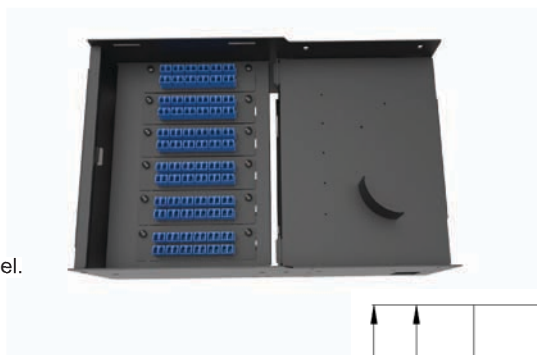
Model	Dimension(mm)			Max Capacity	Quantity of Cassette
	Height	Depth	Width		
ODU-L19	159mm	250mm	390mm	144	6

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.
● 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.
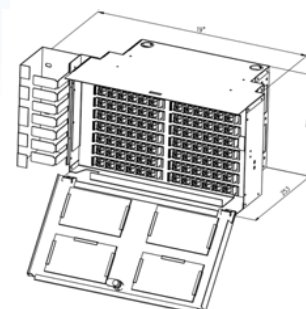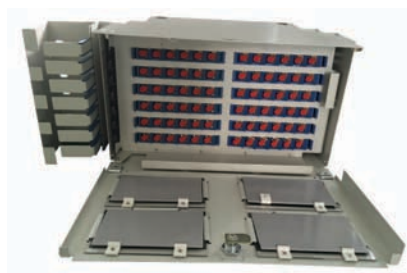
Model	Dimension(mm)			Capacity	
	Height	Depth	Width	FC/SC/ST	LC duplex
ODU-20	266.7mm / 6U	257.6mm	19"	96	192
	222.3mm / 5U	257.6mm	19"	72	144
	133.4mm / 3U	257.6mm	19"	48	96
	88.9mm / 2U	257.6mm	19"	24	48
	44.5mm / 1U	257.6mm	19"	12	24

LONGXING

- Outdoor cabinets for fiber optics, copper cables, power cables and other telecom equipments.
- Glass-fiber or Steel cabinet with IP 65 protection.
- Customized designs available upon request.
- Shipped with interior accessories or the cabinet only.

For more designs and details:
http://www.lxtelecom.com/fiber-optics/outdoor-cabinets.html

NEW

Other Options

Power. 110-240V. A pre-wired 20 Amp quad receptacle is usually a standard feature.	**Interior Light**	**Generator Plug & Interlock**
Power Supply (Breaker, Rectifier, Monitor) A system consists of Breaker, Rectifier and Monitor.	**Heater**	**Door Latch Tool.** Extremely secure and impermeable.
Ground bar kit. 10-position 10 position isolated copper ground bar.	**Fan**	**Lifting brackets.** Don't worry about loading your enclosure before installation. Crane install: Stainless steel lifting brackets on top.
19" or 23"Mounting Panel. Standard fiber panel and MPO/MTP panel available.	**Air Conditioner**	**Solar shield roof.** The space between the double walled roof allows heat to dissipate reducing the effects of radiant heat.
PDU. Suitable for all kinds of 19"standard cabinets and nonstandard cabinets.Designed as modular structure.	**Heat Exchanger**	**Optical Splitter**
Battery: AGM VRLA Batteries	**Door Alarm**	**Splice Tray**
Battery Storage. Normally designed to accommodate standard telecom style batteries.	**Water Alarm**	**Distribution Module**
Laptop Tray	**Smoke Alarm**	**19"or 23"Relay Racks.** Adjustable rails for easy mounting.
L Rail Set	**Dynamic Environment Monitoring Systems**	**Mounting Base**

For more designs and details:
http://www.lxtelecom.com/fiber-optics/outdoor-cabinets.html

Customized designs available upon your request.

Fiber Optic Cross-Connect Cabinet (Glass-fiber Cabinet)

GP31-2-A1

Fiber Optic Cross-Connect Cabine (Metal Cabinet)

GP31-2-B1

GP31-2-C1

Multi-functional Outdoor Cabinet (Suitable for Extreme Weather)

NPX06-H1d

20

Distribution Module

- LongXing optical distribution modules are designed for the purpose of optic fiber organization, storage and fiber optic fusion protection.
- Three types available: Splice & Distribution, Splice only, and Storage & Patching Module.
- Light and beautiful plastic structure.
- RoHS compliant.
- Ensuring minimum fiber bending radius.

For more designs and details:
http://www.lxtelecom.com/fiber-optics/distribution-modules.html

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 Splice Module Series A
(A6)

Capacity	A6
	Max split radio of 2×16

Optical Splice & Distribution Module Series B
(B0)

Capacity	B0	
	SC/FC	LC
	12	24

Optical Splice Module Series
(B3 B4)

Capacity	B3		B4	
	SC/FC	LC	SC/FC	LC
	18	34	34	66

Optical Splice & Distribution Module Series F
(F1 F2)

Capacity	F1	F2
	12	SC/FC/LC
		12

Optical Splice & Distribution Module Series G
(G0)

Capacity	G0	
	SC	LC
	12	24

Optical Splice & Distribution Module Series H
(H1)

Capacity	H1	
	SC	LC
	24	36

Optical Splice & Distribution Module Series I
(I1)

Capacity	I1
	SC
	12

● Termination box is suitable for terminating optical cables and jointing cable with pigtail and protecting fiber optic splices.
● LongXing offers hundreds of designs for different needs, incluing solutions for splitters, mechanical splicing in the FTTx networks.

LONGXING

For more designs and details:
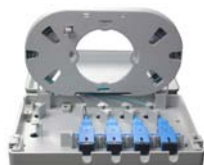http://www.lxtelecom.com/fiber-optics/plastic-distribution-boxes.html
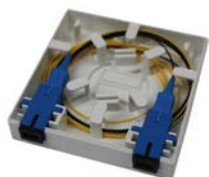
GP31-1P02A

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

GP31-1P04A
(Pre GPZ01-124P)

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

GP31-1P04B

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

GP31-2P01A

1 Core   Indoor&Outdoor
Size: 135mm*153mm*37mm

GP31-2P01B

1 Core   Indoor&Outdoor
Size: 153mm*175mm*42mm

GP31-2P04A

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

GP31-2P08A

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

GP31-2P12A
(Pre GP31-2112P)

12 Cores   Indoor&Outdoor
Size: 220mm*270mm*70mm

GP31-2P12B
(Pre GP31-2312P)

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

GP31-2P12C

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

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

GP31-2P24A
(Pre GP31-2224)

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

GP31-2P32B

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

GP31-1P02B

2 Cores   Indoor
Size: 83.4mm*130mm*24.1mm

GP31-1P02C

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

» **For more designs and details:**
http://www.lxtelecom.com/fiber-optics/plastic-distribution-boxes.html

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

GP31-2P02A

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

GP31-2P04B

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

GP31-2P08B

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

GP31-2P08C

8 Cores   Indoor&Outdoor
Size: 198mm*230mm*60mm

GP31-2P16D

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

GP31-2P16F

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

GP31-2P32A
(Pre GP31-12W) SMC

32 Cores   Indoor&Outdoor
Customized designs available
upon request.

GP31-2P16E SMC

16 Cores   Indoor&Outdoor
Size: 350mm*426mm*120mm

GP31-2P32C SMC

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

SMC   Made of Glass-fiber Polyester.

● Customized designs available upon request.

For more designs and details:
http://www.lxtelecom.com/fiber-optics/metal-distribution-boxes.html

GP31-1M48A (Pre GP31-1)
Indoor

Typical Capacity: 96 cores

GP31-2M32A
Indoor&Outdoor

Typical Capacity: 32 cores

GP31-2M64A (Pre GP31-12N)
Indoor&Outdoor

Typical Capacity: 64 cores

GP31-2M96A (Pre GP31-2-A1X-2)
Indoor&Outdoor

Typical Capacity: 96 cores

GP31-2M96B (Pre GP31-1)
Indoor&Outdoor

Typical Capacity: 192 cores

GP31-2M96C (Pre GP31-1-12
Indoor&Outdoor

Typical Capacity: 96 cores

GP31-1M08A
Indoor

Typical Capacity: 8 cores

GP31-1M32A
Indoor

Typical Capacity: 32 cores

GP31-2M144A
Indoor&Outdoor

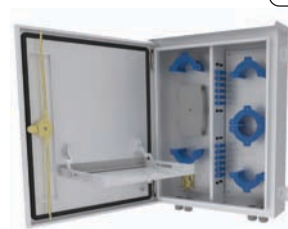Typical Capacity: 144 cores

GP31-1M12A
Indoor

AL .5025

Typical Capacity: 12 cores

GP31-1M48B
Indoor

AL .5025

Typical Capacity: 48 cores

GP31-2M48A
Indoor&Outdoor

AL .5025

Typical Capacity: 48 cores

AL .5025   Made of Aluminum.

24

Splice Tray

● LongXing ST series splice tray is used in optical distribution frame, distribution box, and splice closures, which is engineered for use with indoor or outdoor splice hardware with both loose tube and tight-buffered optical cable designs.
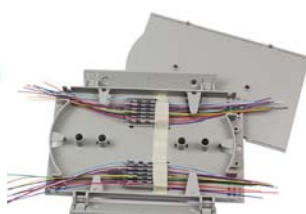
» **For more designs and details:**
http://www.lxtelecom.com/fiber-optics/splice-tray.html

ST-1D08A

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

ST-1D12A

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

ST-1D24A

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

ST-1D24B

24 Splices
Size: Φ212mm, δ16mm

ST-1D24C
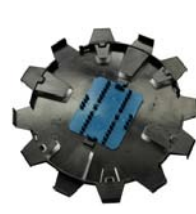
24 Splices
Size: Φ170mm,δ10mm
Φ220mm,δ14mm

ST-2D12A

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

ST-2D12B
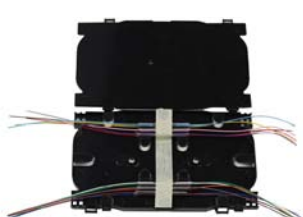
12 Splices
Size: 170mm*105mm*11mm

ST-2D24A
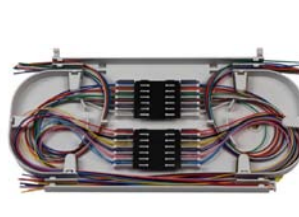
24 Splices
Size: 224mm*114mm*17mm

ST-2D24B
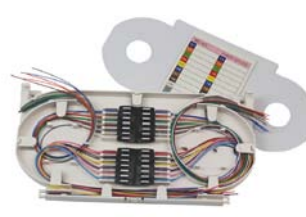
24 Splices
Size: 223mm*110mm*14mm

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-2S12A

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

ST-2S12B
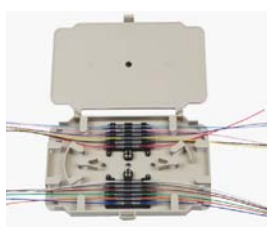
12 Splices
Size: 140mm*95mm*13mm

ST-2S12C

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

ST-2T24A

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

ST-2T24B
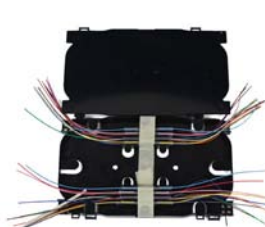
24 Splices
Size: 170mm*105mm*15mm

ST-1Q48A
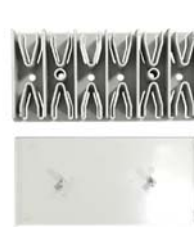
48 Splices
Size: 42mm*89mm*15mm

● Fiber slack storage units are devices used to coil up and store additional length of fiber optic cable. This secures the cable while eliminating slack. The fiber slack storage device can be mounted aerially, on a wall, or inside a vault. Primus Cable supplies half round spools, plastic Sno-Shoes, and cable management round spools to organize fiber.

» **For more designs and details:**
http://www.lxtelecom.com/fiber-optics/accessories/fiber-management-spool.html

Cable Management Spools

T01   T02   T03   T04   T05   T06

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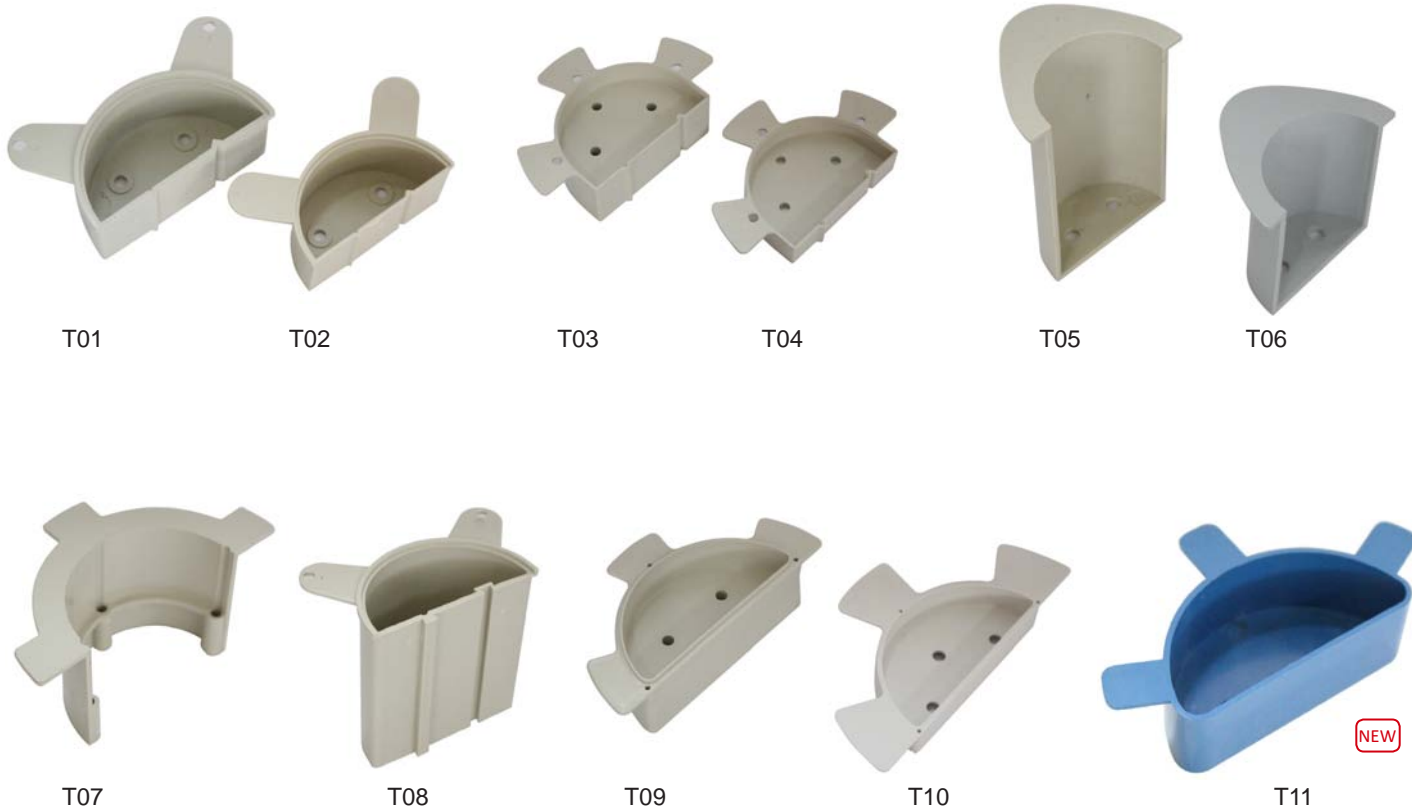
Part Number	Height	Dimensions			
		Inner Width	Maximum Width	Inner Depth	Maximum Depth
T01	28	80	80	40	50
T02	26	65	65	32	42
T03	15	80	118	54	74
T04	30	80	120	55	75
T05	65	54	54	20	35
T06	45	55	55	20	37
T07	55	70	110	35	57
T08	80	80	80	40	50
T09	29	80	105	38	53
T10	14	78	120	38	60
T11	23	68	68	30	40

GPJ83-12

NEW

Overview

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

Features

● Sealing style: Box use mechanical seal style.
● Installation style: Aerial.
● Box Material: Modified Polymer Plastic.
● Seal Material: Vulcanized Silicone Rubber.
● The protection grade reaches IP 65.
● Installation Method: Aerial or Hang on the entrance cable directly.
● Two-layer system, bottom layer for splicing, top layer for splitting & distribution.
● Structured construction fixed by simple buckle, easy for operation.
● Ambient temperature ranges from -40 to 65℃ .
● The closure is of small volume, big capacity and convenient maintenance.
● The closure casing is made of quality engineering plastics, and of good performance of anti-erosion against acid and alkali salt, anti-aging, as well as smooth appearance and reliable mechanical structure.
● The mechanical structure is reliable and has the performance of resisting wild environment and intensive climate changes and serious working environment.
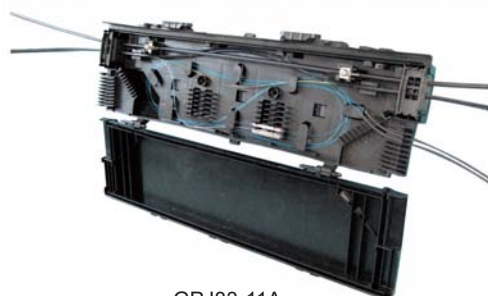
Dimensions and Capability	
Dimensions (L*W*H)	605mm*167mm*87mm
Quantity of Fiber	4 in, 16 out
Adapter Type	SC, LC
Max Cable Diameter	16mm
Max Ratio	(1*8)*2
Max Capacity	24

For more designs and details:
http://www.lxtelecom.com/fiber-optics/splice-closures/inline-fosc-gpj83-11.html

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

● 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
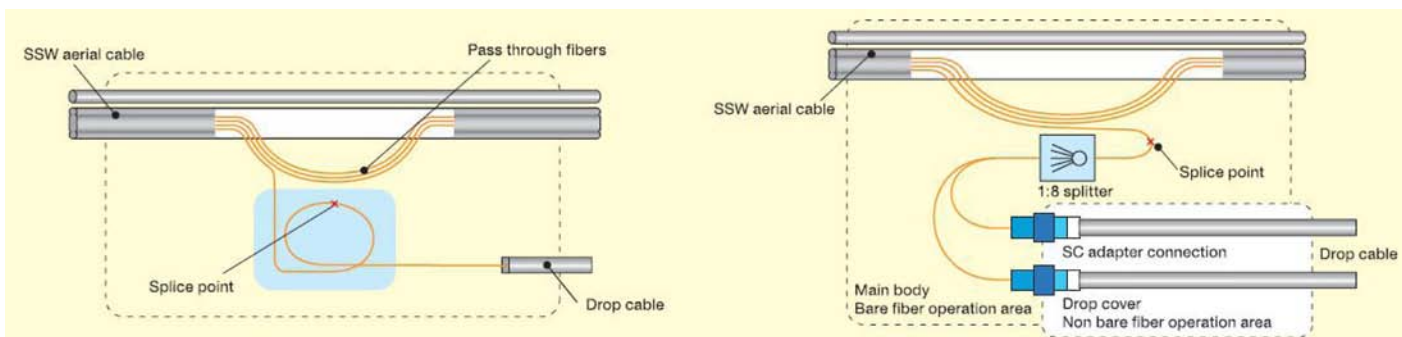
Dimensions and Capability		
Dimensions (L*W*H)	400mm*60mm*130mm (Splitter module type GPJ83-11A)	
Material	Molded plastic	
Cable Diameter	Main cable	SSW aerial optical cable: 1 PC
	Drop cable	2×3 mm: up to 8 PCS
Cable Ports	2 for main cable	
Maximum Fiber Storage Capacity	Single-fiber	12 splices points
No. of Optical Adapter	Max. 8×SC adapter	with 1×8 splitter module

LONGXING

- LongXing GPJ83 series fiber optic splice closures, made of quality engineering plastics, are designed to simplify splice management.
- No heat, adhesives, drills or powered equipment for installation or re-entry are required.
- They are applicable to man-holes, tunnels and aerial, etc.
- Protection level reaches IP66.

For more designs and details:
http://www.lxtelecom.com/fiber-optics/splice-closures.html

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

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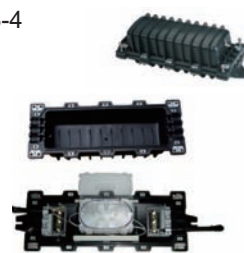
Size: 660*220*178   **6 Ports**
Capacity: Loose fiber: 192 **Ribbon fiber:** 480

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

● LongXing fiber splice closure GPJ83 Series is a complete line of re-enterable fiber optic splice closures and trays used for housing, organizing and protecting single or ribbon fiber cables and splices.

For more designs and details:
http://www.lxtelecom.com/fiber-optics/enclosures.html

GPJ83-H01 NEW

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: up to 144 cores

GPJ83-H03 NEW

Size: 280*200*90   **4 Ports**
Capacity: **Bundle:** 12 cores-96 cores
Ribbon: up to 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: up to 144 cores

GPJ83-H08

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

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-H12

Size: 605*215*175   **4 Ports**
Capacity: **Bundle:** 48 cores-288 cores
Ribbon: max. 1152 cores

GPJ83-H13

Size: 460*182*120   **4 Ports**
Capacity: **Bundle:** 12 cores-96 cores
Ribbon: up to 144 cores

GPJ83-H14

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

⟫ **For more designs and details:**
http://www.lxtelecom.com/fiber-optics/splice-closures.html

GPJ83-D01

Size: 430*190   **4 Ports**
Capacity: **Bundle:** 12 cores-96 cores
Ribbon: up to 288 cores

GPJ83-D02

Size: 540*205   **5 Ports**
Capacity: **Bundle:** 24 cores-96 cores
Ribbon: up to 288 cores

GPJ83-D03 NEW

Size: 420*190   **5 Ports**
Capacity: **Bundle:** 12 cores-96 cores
Ribbon: up to 144 cores

GPJ83-D04

Size: 480*220   **6 Ports**
Capacity: **Bundle:** 12 cores-288 cores
Ribbon: up to 432 cores

GPJ83-D05

Size: 310*190   **4 Ports**
Capacity: **Bundle:** 12 cores-48 cores
Ribbon: up to 72 cores

GPJ83-D06

Size: 460*190   **4 Ports**
Capacity: **Bundle:** 12 cores-96 cores
Ribbon: up to 144 cores

GPJ83-D07 NEW

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

GPJ83-D08

Size: 460*205   **5 Ports**
Capacity: **Bundle:** 24 cores-96 cores
Ribbon: up to 288 cores

GPJ83-D09

Size: 470*210   **9 Ports**
Capacity: **Bundle:** 24 cores-144 cores
Ribbon: up to 432 cores

GPJ83-D10

Size: 470*210   **5 Ports**
Capacity: **Bundle:** 24 cores-144 cores
Ribbon: up to 432 cores

GPJ83-D11

Size: 515*310   **7 Ports**
Capacity: **Bundle:** 24 cores-288 cores
Ribbon: up to 864 cores

GPJ83-D12

Size: 395*190   **4 Ports**
Capacity: **Bundle:** 6 cores-96 cores
Ribbon: up to 144 cores

GPJ83-D13

Size: 490*220   **6 Ports**
Capacity: **Bundle:** 48 cores-288 cores
Ribbon: up to 864 cores

GPJ83-D14

Size: 435*190   **5 Ports**
Capacity: **Bundle:** 12 cores-96 cores
Ribbon: up to 288 cores

⊗ **For more designs and details:**
http://www.lxtelecom.com/fiber-optics/patch-cords/mpo-mtp-patch-cable.html

J-MP- ☐ - ☐ ☐ ☐ - ☐ ☐ ☐ ☐ - ☐ ☐ - ☐ / ☐

Fiber Count

04	4 cord
08	8 cord
12	12 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,
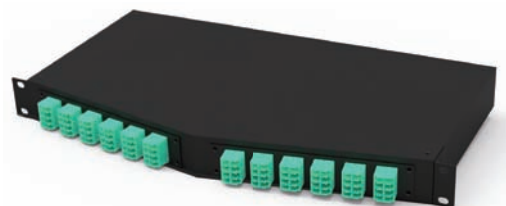Patch cord, No fanout, Female type, flat polish, MPO/ Female type, flat polish, MPO.

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.

LONGXING

For more designs and details:
http://www.lxtelecom.com/uploadfile/down/catalog/longxing-mtp-mpo-solutions.pdf

ULTRA DENSITY

Most densely populated patch panels
· 1U Angled or 1U Flat
· Up to 144 fiber in 1U, LC to MTP / MPO
· Factory configured for rapid deployment
· Single-mode or multimode (OM3/OM4)
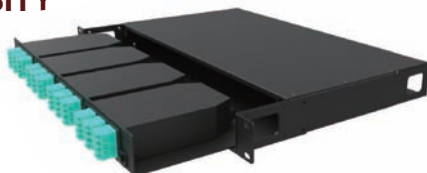
MTP / MPO HARNESSES
· Pre-terminated MTP / MPO-LC or MTP / MPO-SC
· 12 or 24 pin MPO connectors
· Connect directly to equipments

MTP / MPO TRUNK CABLES
· Pre-terminated 40G/100G backbone
· 12 or 24 pin MPO connectors
· MTP / MPO cassette to cassette connections

HIGH DENSITY

Modular patch panels fully loaded with MTP / MPO cassettes
·1U or 3U (max 4 MTP / MPO cassettes per 1U)
·Up to 96 fiber in 1U, LC to MTP / MPO
·Work with MPO Cassettes
·Factory configured or build your own
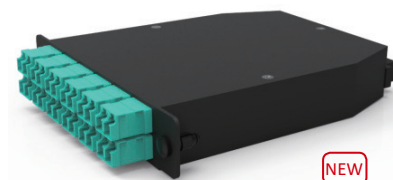
MTP / MPO CASSETTES
·Up to 4 cassettes in 1U
·12, 24, or 36 fiber per cassette
·Easy installation/replacement

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

Accessories

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

TRANSCEIVER FINDER TOOL

SFP+	XFP	SFP
CFP	X2	XENPAK	QSFP+
BIDI	CWDM	DWDM	TUNABLE

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

● LongXing produces a wide variety of fiber cable assemblies and accessories dessigned to meet the specific application needs of our customers, which range from patch cords, multi-fiber assemblies and connectors to adapters.

LONGXING

For more designs and details:
http://www.lxtelecom.com/fiber-optics/patch-cords.html

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 *

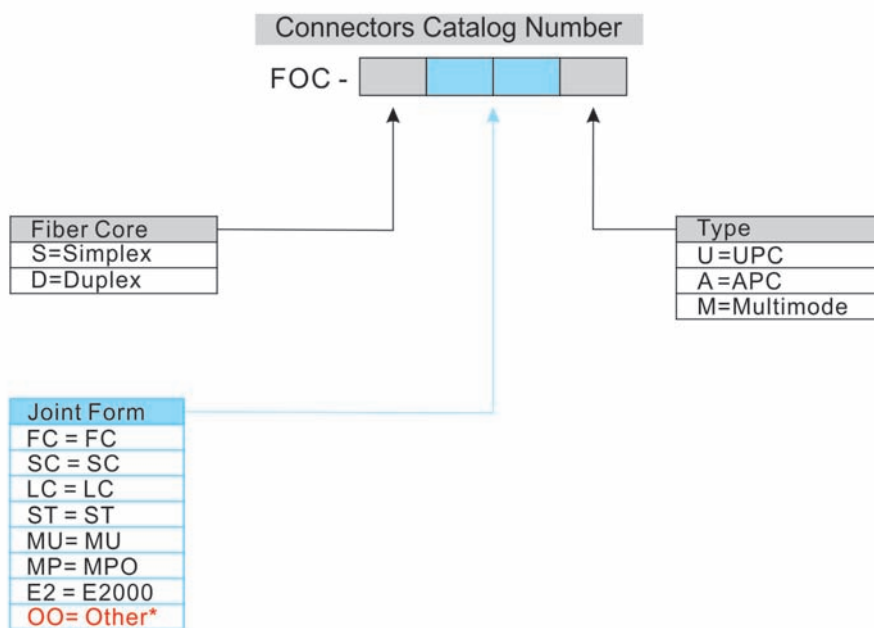| Cable Diameter	
X	0.9 mm
Z	2.0 mm
C	3.0 mm
O	Other *

Ordering Example:
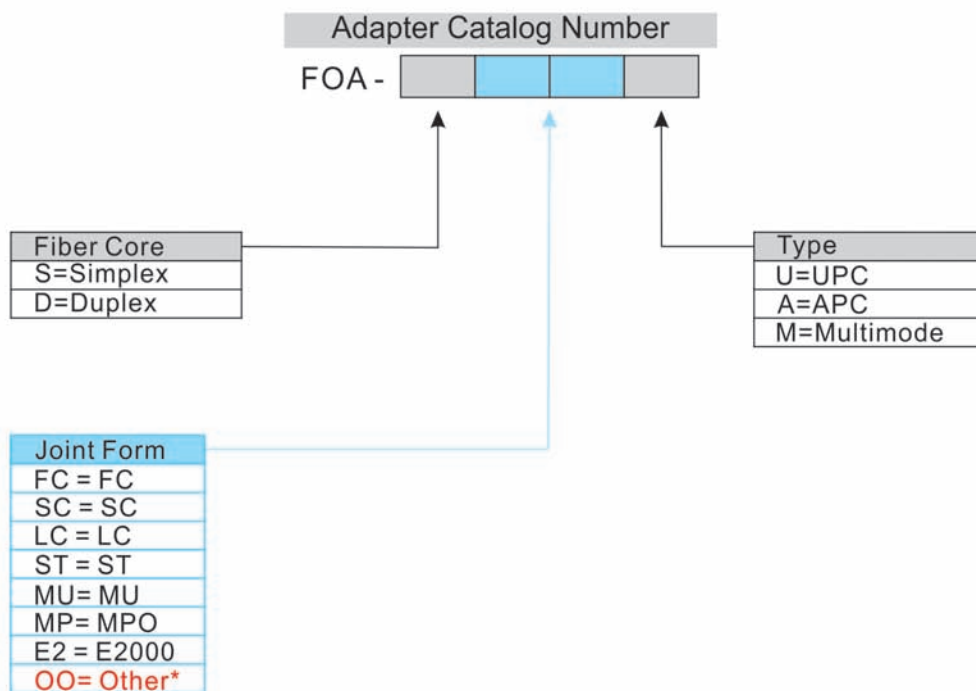T SSYXFCASCA2   Patch Cord, G652D, Simplex, Yellow, 0.9mm, FC/APC-SC/APC, 2 meters

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

For more designs and details:
http://www.lxtelecom.com/fiber-optics/pigtails.html

Pigtail Catalog Number

W S S Y X FC A 2

Fiber Type

S	G652D	
D	G655	
K	G656	Single Mode
P	G657A1	
L	G657A2	
B	OM1(62.5/125μm)	
G	OM1(50/125μm)	
Q	OM2(50/125μm)	Multi Mode
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

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

For more designs and details:
http://www.lxtelecom.com/fiber-optics/connectors.html

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.

For more designs and details:
http://www.lxtelecom.com/fiber-optics/adapters.html

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.

LONGXING

>> **For more designs and details:**
http://www.lxtelecom.com/fiber-optics/accessories/field-installable-connector.html

Overview

LongXing Fast fiber connector is used for field-installable optical fiber connector, widely used in Fiber To The Home (FTTH) access optical networks, not only for single-mode or multimode fiber, and can also choose to 900um,3 mm and the introduction of cable buffered type. With fast installation time and low insertion loss, the connector system provides a good alternative to fusion splicing. Installation is as easy as strip, clean, cleave cam and crimp.

Features

● Compatible with standard SC connectors.
● Field installable, cost effective, user friendly.
● UPC, APC polishing optional.
● Reliable durable and superior optical performance.
● Low insertion loss and high return loss.
● Stable capability and high reliability.
● Excellent mechanical capability.

SC-UPC

SC-APC

NEW
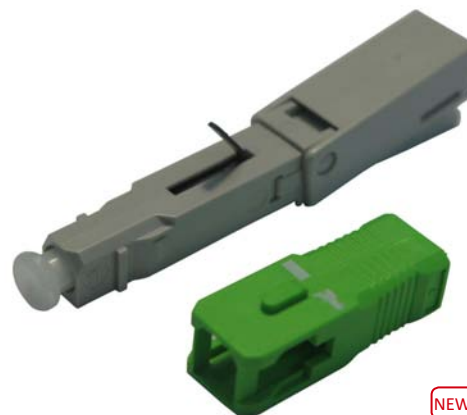
Technical Specifications		
Plug Yype	SC/UPC	SC/APC
Connector Length	51mm	51mm
Optical Fiber	2mm*3mm Butterfly Type	2mm*3mm Butterfly Type
Insertion Loss	Average ≤ 0.25dB, Max ≤ 0.5dB	Average ≤ 0.4dB, Max ≤ 0.6dB
Return Loss	≥50dB	≥60dB
Thermal Shock	≤0.30dB	
Storage / Operating Temperature	-40~+80	
Tensile Strength	≥30 N	
Average Assembly Time	≤2 minutes	
Assembly Repeatability	≥5 times	
One-Time Assembly Yield	≥98%	

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Fast Connector

Features

No-epoxy/no-polish or other consumables required
Quick and easy installation, less than one minute per connector on average

100 percent factory tested for insertion loss
Typical insertion loss of 0.2 dB for UPC and 0.3 dB for APC connectors

Factory-polished end face
Low insertion loss and high-performance return loss

Reliable, proven mechanical splice technology
Over 70 million connectors deployed in various applications

No need for electrical power for ovens or lights
Reduces complexity

Angled Fiber Stub
Inside all LongXing connectors regardless of polish to maximize back reflection performance

Standards

Intermateability	Connectors are FOCIS compliant with TIA/EIA 604-3 (SC), FOCIS 10 (LC)
Approvals and Listings	Passed EIA/TIA 568-B.3
Design and Test Criteria	Telcordia GR-1209 and GR-1221
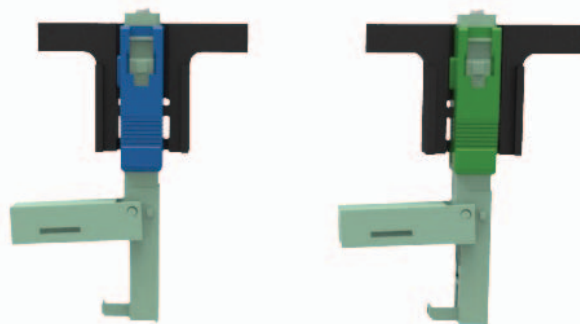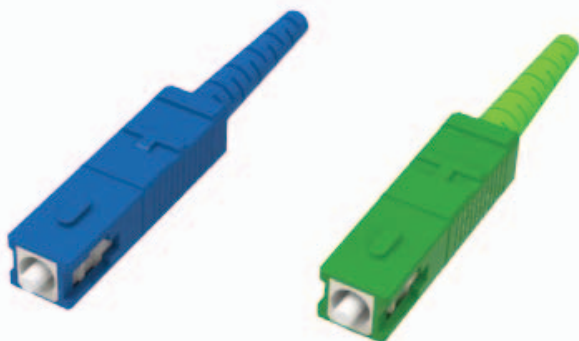
Technical Specifications	
Insertion Loss	Average ≤ 0.2dB, Max ≤ 0.4dB
Return Loss	UPC ≥ 40dB, 55dB typical at 25 degrees C + 5degrees APC ≥ 55dB, 60dB typical at 25 degrees C +/- 5degrees
One-Time Assembly Yield	≥ 97%
Assembly Repeatability	≥ 5 times
Average Assembly Time	≤ 3 minutes
Life-Time	≥ 30 years
Tensile Strength	≥ 30N(2.0x3.0 drop cable.)
Operation Temperature	-40℃ ~+75℃

- LongXing optical splitters use Planer Lightwave Circuit (PLC) technology for split ratio 2, 4, 8, 16, 24, 32 and 64.
- Application for FTTX network, LAN/WAN or CATV network.
- Low Insertion loss, Low PDL.
- Good channel-to-channel uniformity.
- Wide Operating Wavelength: From 1260nm to 1650nm.
- Wide Operating Temperature: From -40℃ to 85℃ .

For more designs and details:

http://www.lxtelecom.com/fiber-optics/splitters.html

Micro Type

Cassette Type

Rack Type

Module Type 1

Module Type 2

Technical Specification

1×N Series

Parameters		1×4	1×8	1×16	1×24	1×32	1×64	1×64
Operation wavelength	(nm)	1260 - 1650						1310 ± 40 1490 ± 10 1550 ± 40
Insertion loss	(dB)	≤ 7.4	≤ 10.7	≤ 13.9	≤ 15.8	≤ 17.2	≤ 21.5	≤ 20.1
PDL		≤0.3	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.3	≤0.5	≤ 0.3
Uniformity of I.L		≤0.8	≤ 1.0	≤ 1.4	≤ 1.4	≤ 1.6	≤ 2.0	≤ 1.6
Return loss	(dB)	≥ 55						
Directivity	(dB)	≥ 55						
Working / Storage Temperature	(℃)	-40 ~ + 85						

2×N Series

Parameters		2×4	2×8	2×16	2×32	2×64	2×64
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		≤0.3	≤ 0.3	≤ 0.3	≤ 0.3	≤0.5	≤ 0.3
Uniformity of I.L		≤1.0	≤ 1.2	≤ 1.5	≤ 1.8	≤ 2.0	≤ 1.8
Return loss	(dB)	≥ 55					
Directivity	(dB)	≥ 55					
Working / Storage Temperature	(℃)	-40 ~ + 85					

Download the full catalogue of cable tray: http://www.lxtelecom.com/uploadfile/down/fiber-optics/optical-cable-tray/longxing-optical-cable-tray-plastic-ducting-datasheet.pdf
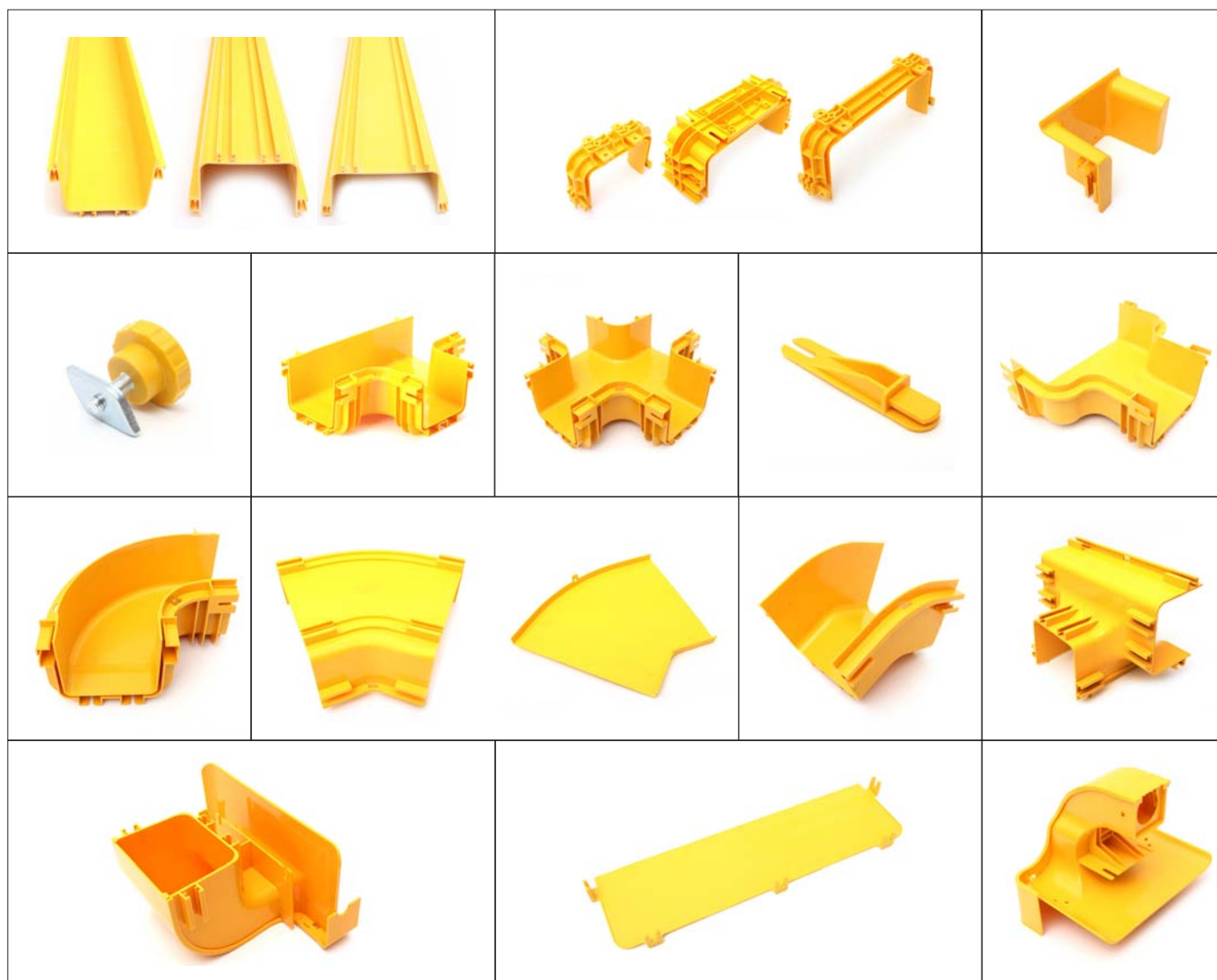
Download the full catalogue of cable tray: http://www.lxtelecom.com/uploadfile/down/fiber-optics/optical-cable-tray/longxing-optical-cable-tray-plastic-ducting-datasheet.pdf
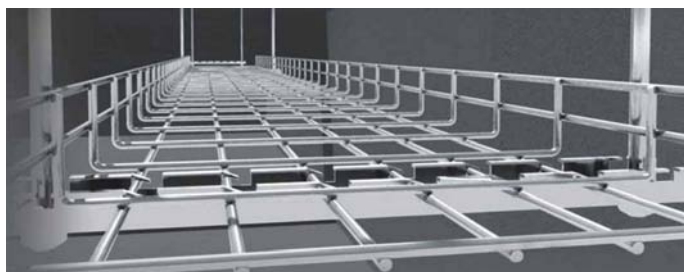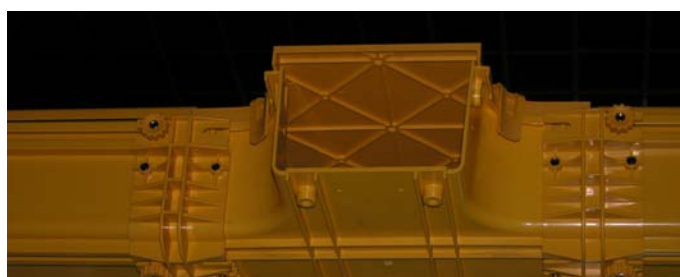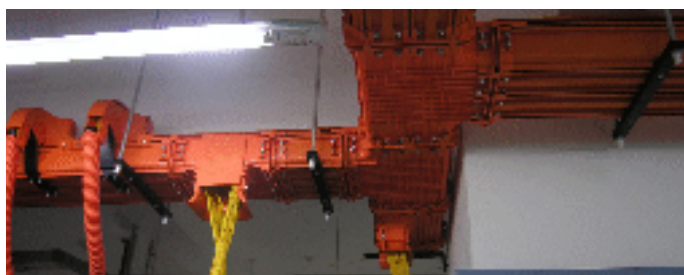
Color options
- ▶ 🟨 Yellow
- ▶ 🟧 Orange

Material Options for Straight Sections
- ▶ PVC
- ▶ ABS
- ▶ LSZH [NEW]

*All other accessories are LSZH.

Size
- ▶ 5" (120mmx100mm) [NEW]
- ▶ 6" (150mmx100mm)
- ▶ 10" (240mmx100mm)
- ▶ 12" (300mmx100mm)
- ▶ 15" (360mmx100mm) [NEW]

Visit LongXing website for detailed information

For more designs and details:
http://www.lxtelecom.com/fiber-optics/accessories.html

Cable

Drop Cable
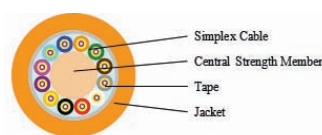
Soft Optical Fiber

Waterproof Cable

(Drop Cable labels: Colored Coating Fiber, Strength Member (FRP/Steel), Jacket)

(Soft Optical Fiber labels: Simplex Cable, Central Strength Member, Tape, Jacket)

(Waterproof Cable labels: Tight-buffered Fiber, Kelvar, Waterproof Tape, AL-Plastic Tape, Jacket)
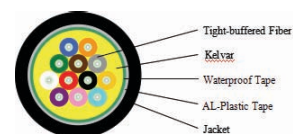
Media Converter

Tools

Connector Cleaning Tools

Tool Kit Box

Cat5e Patch Panel

24 Port

48 Port

LONGXING

⊗ **For more designs and details:**
http://www.lxtelecom.com/active/rectifier-modules.html

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 pretection	L-line fuse 15A Varistors for transient protection

DC Output	
Voltage	+53.5Vdc
Output power	1800W(154Vac~300Vac), 900W(85Vac~154Vac)
Maximum current	33A
Current sharing	5%
Dynamic voltageregulation	±5.0% for 10-90% or 90-10% loadvariation, 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

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

Output Current-Efficiency Curve
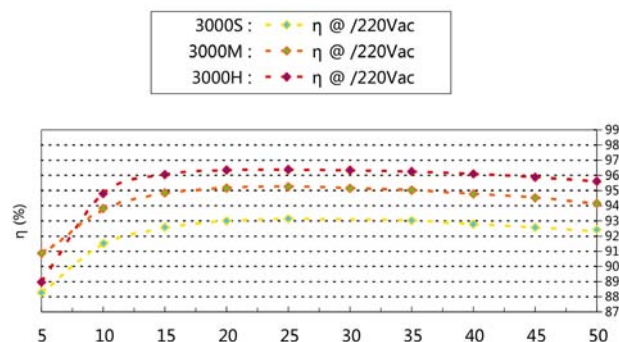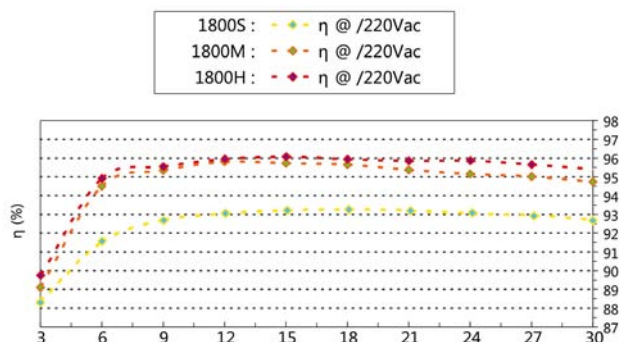
MC2000 is the new generation DC power controller module developed by LongXing. The Controller module adopts ARM7 CPU as primary controller, and RTOS as system platform. MC2000 offers many features and functions, and a more robust, user-friendly, and easy-to-use interface.

Key Functions	
Measurement	Analog value measurement
	Digital value measurement
Communication	The Controller can communicate with the host computer in three modes: RS232, RS485 and Ethernet (WEB and SNMP). It can communicate with the rectifiers in RS485 mode.
	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 user digital input interfaces freely configurable
	8 groups of dry contact outputs freely configurable
Screen and Leds	High resolution 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	200 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
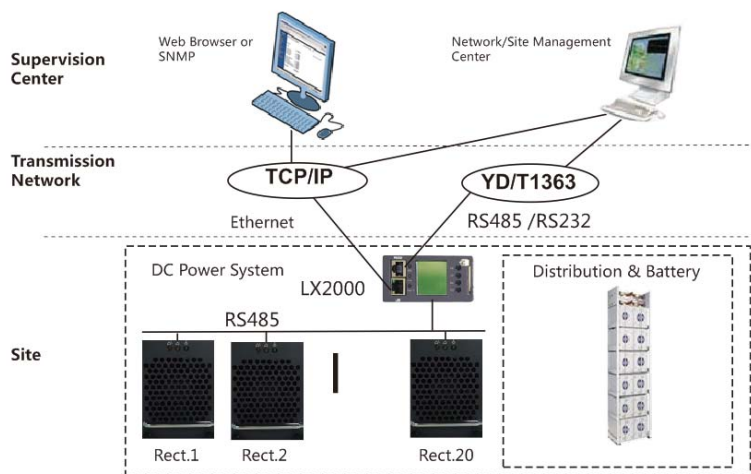
481000C	48500S	48400S	48200S
48200B	48120S NEW	4890S	4860S

Overview

The LXPower48S is specially designed to meet the demand for compact, flexible, high performance, high reliability power supply. The system consists of high/standard efficiency rectifier modules of their mixture, a MC2000 monitor module, AC/DC distributors

More relevant designs for your reference					
Item	Mounting	Capacity	Reference Dimensions(mm)	Rectifier	Rectifier Quantities
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	Inndor Cabinet Type	48V 1000A	2200x600x600	3000	20

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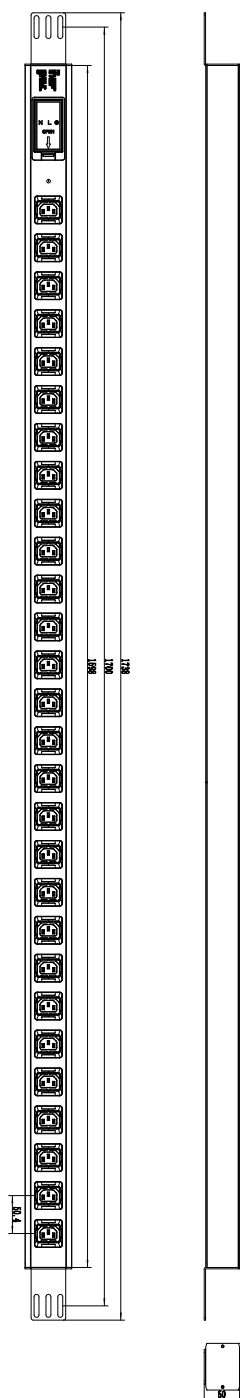
LongXing Network Power's Rack PDU Systems is a family of products that delivers power and management to connected IT equipment through a global and comprehensive offering including Basic, Managed and Adaptive Rack PDU systems.

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 estab lished; 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.

482.6
465
432.6
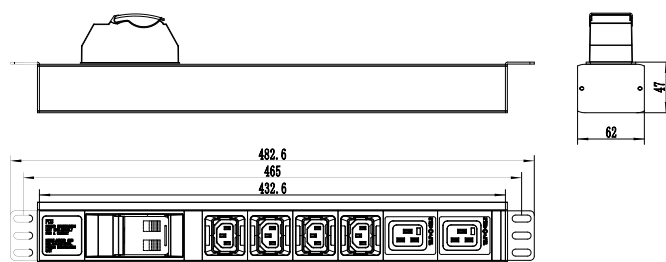
Optional Output Units			
IEC	IEC60320 C13 Anti-shedding	IEC60320 C14	IEC60320 C20	IEC60320 C19
Australia	AS/NZS 3112(A)		AS/NZS 3112(K)	
France	NFC61-314(1U)		NFC61-314(1.5U)	
Germany	DIN49440(1U)		DIN49440(1.5U)	
Israel	SI 32			
Italy	Italy Universal	IEC60320 C13 Anti-shedding	IEC60320 C19 Anti-shedding	IEC60320 C13
South Africa	RSA546			
United Kingdom	BS1363(1U)		BS1363(1.5U)	BS1363(EA)
United States	NE MA5-20R		NE MA5-15R	

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

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
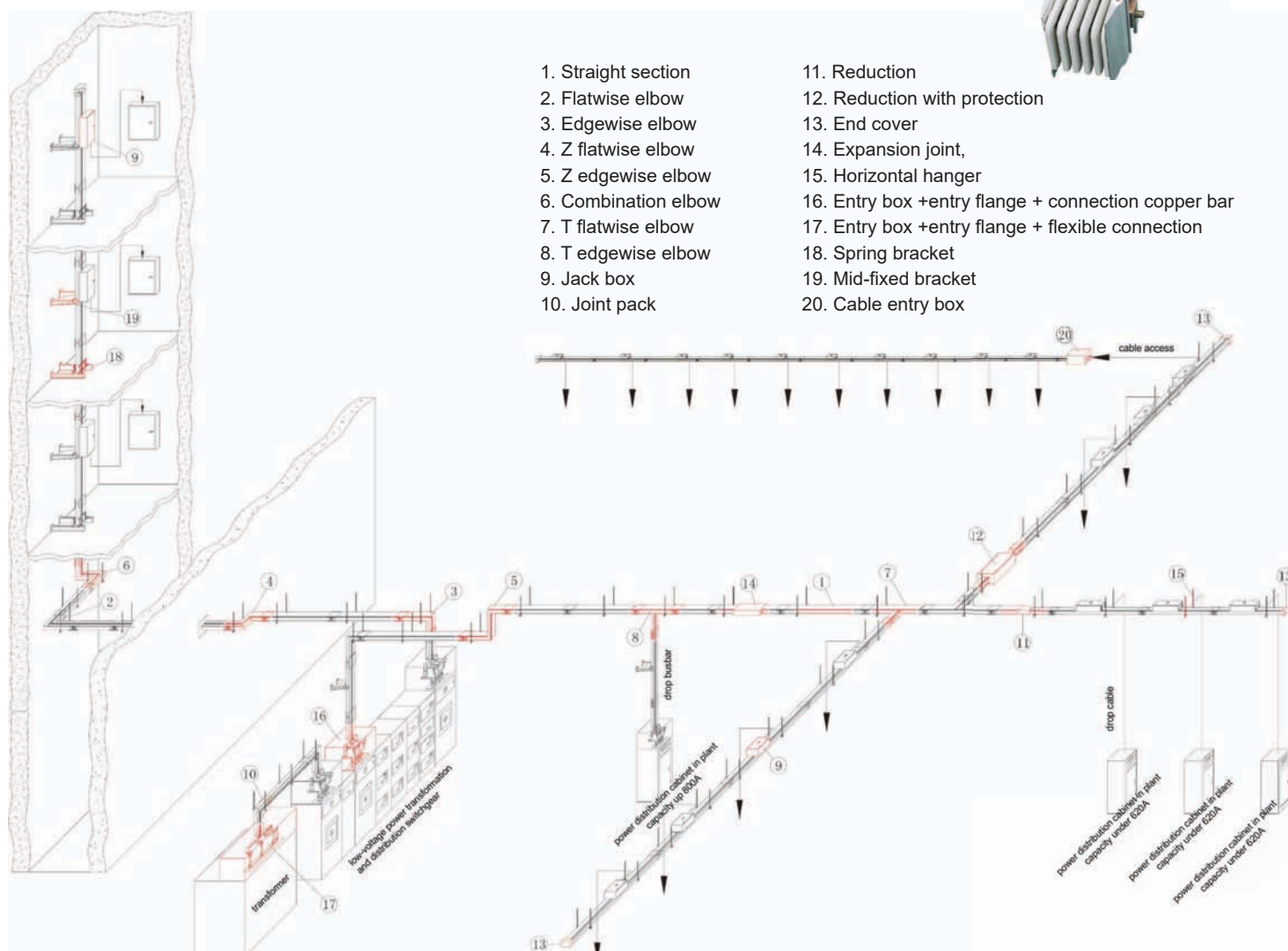
- Network cabinets for data centers & centrsl offices.
- 19" - 23" racks.
- Options for front & rear door styles.
- Customized designs available upon request.
- Accessories pre-installation available. E.g. fans, PDU...

For more designs and details:
http://www.lxtelecom.com/fiber-optics/network-rack-cabinets.html

Available Door Options

NPX06-Z1

NPX06-Z2

NPX06-Z3

NPX06-Z4

NPX06-Z5

NPX06-Z6

NPX06-Z7

NPX06-Z9

A

B

C

D

E

F

G
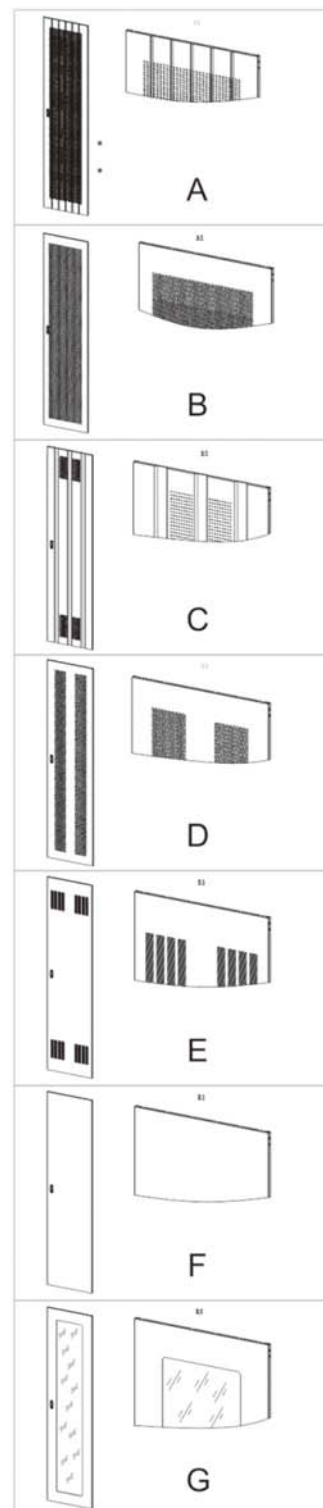
For more designs and details:
http://www.lxtelecom.com/copper/main-distribution-frames.html

JPX48-3 MDF

JPX48-5 MDF

Warning device for MDF
(mounted on top of the frame)

Indoor wall-mounted cable
distribution box

Indoor wall-embedded cable
distribution box
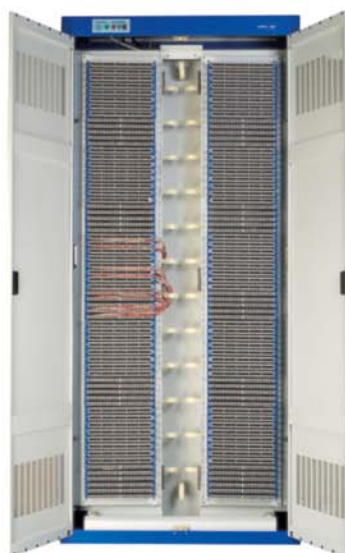
MDF Modules

STO40-3a

FA8-40-3

VDF

Krone module

MDF Modules

FA8-40-10

STO40-10

JPX48-5 protection module
(FA8-40-5)

JPX48-5 testing module
(STO40-5)

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50
Digital Distribution Frame (DDF)
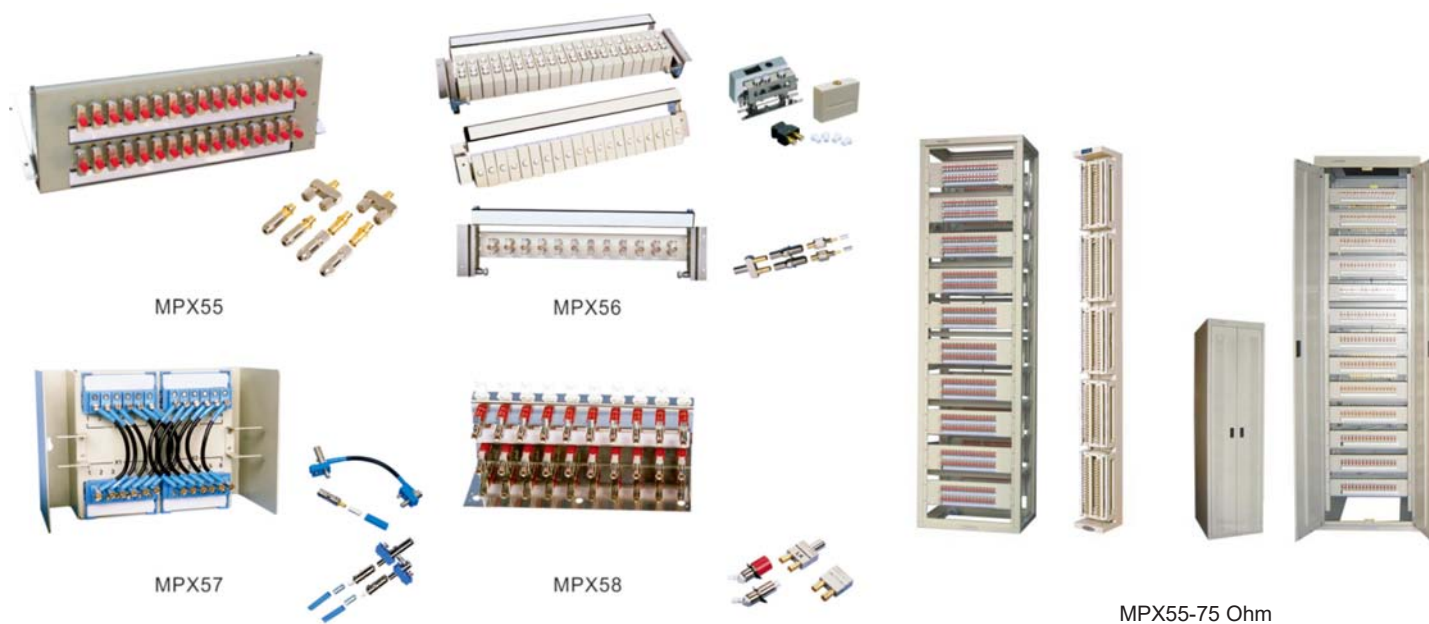
75Ω DDF

MPX55

MPX56

MPX57

MPX58

MPX55-75 Ohm

120Ω DDF

MPX55-KU24　　　MPX55-KU24　　　MPX55-KU322　　　MPX55-RU32　　　MPX55-KU64

Remarks:

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Remarks:

Factory Overview

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Metal Sheet Workshop

Fiber Optic Workshop

Welding Workshop

Laser Cutting

Painting Workshop

Assembly Workshop I

Assembly Workshop II

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