

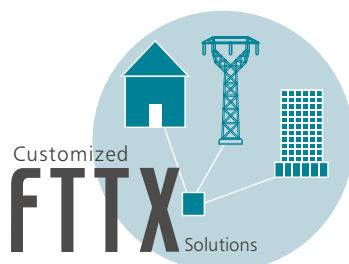
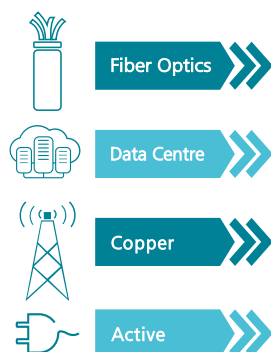


www.lxtelecom.com

Outdoor Cabinets & Closures |



Products & Services



- 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 / Pigtaills
- Optical Tools / Accessories
- Digital Distribution Frames
- Busbar Trunking System

Qualification



TL 9000



ISO 14001

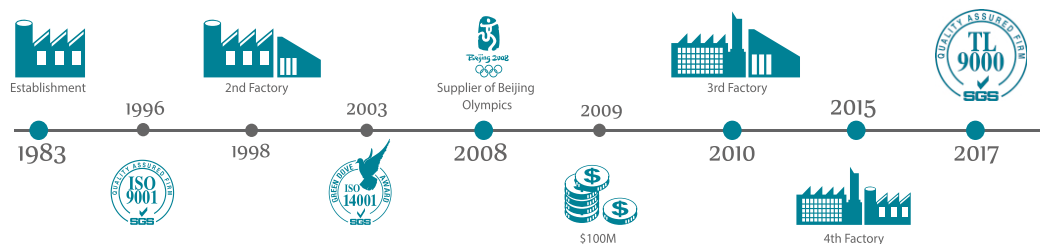


ISO 9001



Quality Guarantee

History of LONGXING

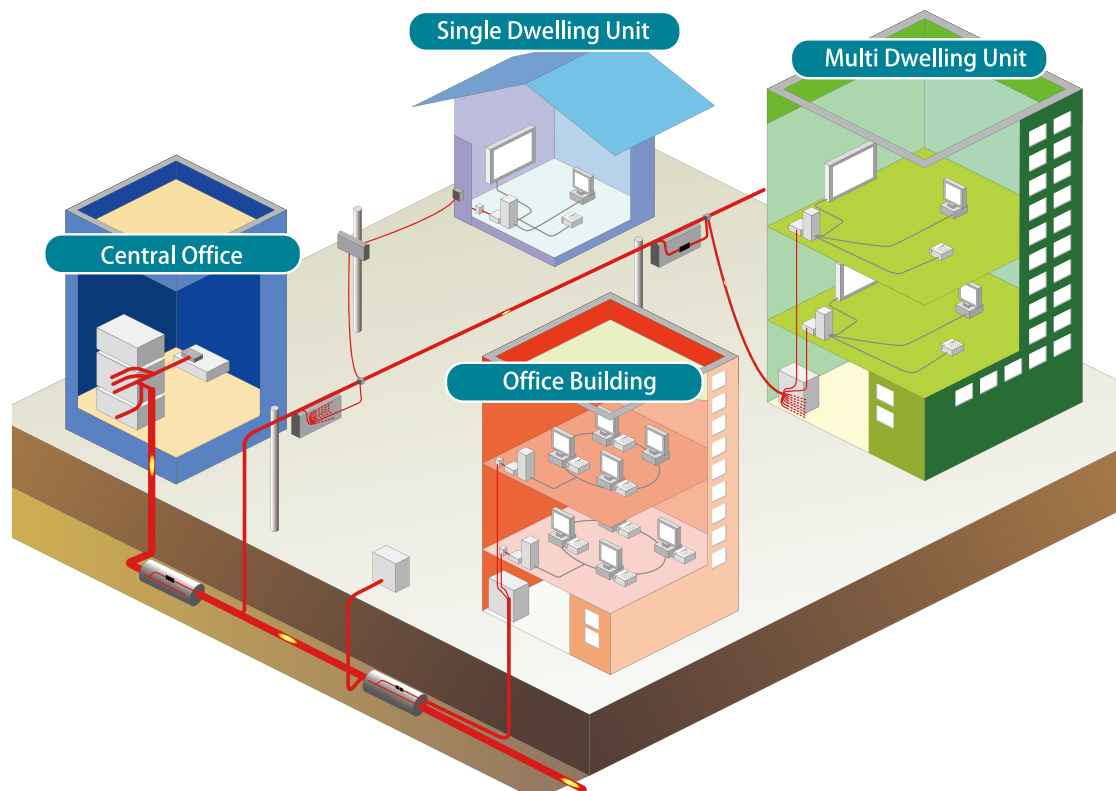


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LONGXING OFFERS COMPLETE FTTX SOLUTIONS

Visit website for more details.



Custom Enclosure

Construction Choices & Options

**GALV
Steel**

Galvanized steel. Outstanding impact and corrosion resistance.

**Utility
Grey**

Utility Grey RAL7035

**AL
.5025**

.5025 Aluminum. Outstanding corrosion resistance.

Unpainted

Unpainted

**Stainless
steel**

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

Custom

Customized

**Cold-rolled
Steel**

Cold-rolled Steel. Lowest price.

Protection

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

SMC

Glass-fiber polyester

Powder coat

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

Locking

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

Stainless steel hardware

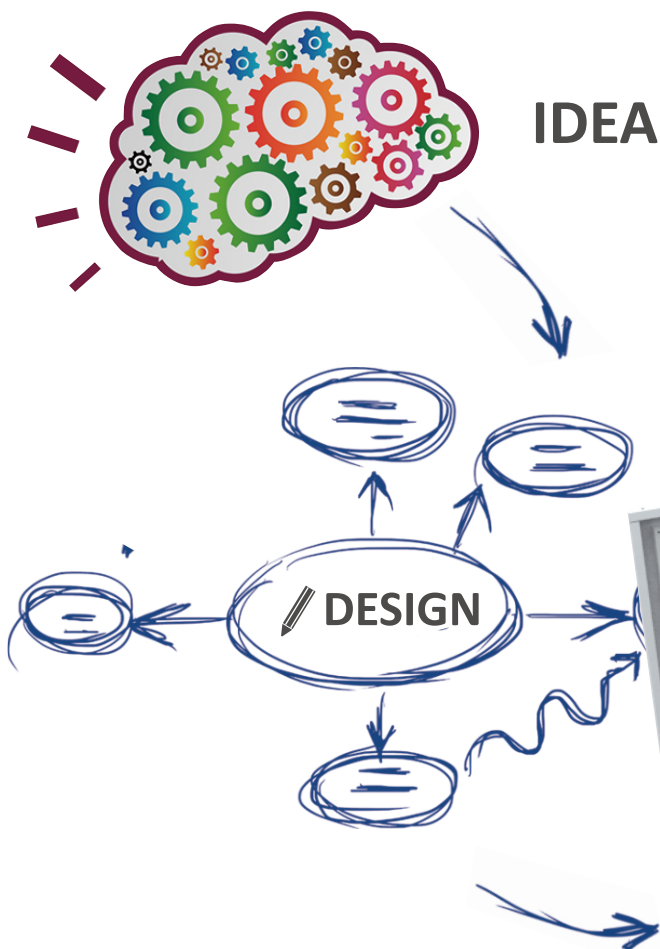
Stainless steel hardware. High-grade stainless steel hardware only.

Over 30 years of experience in delivering customized one-stop solutions:

- Product Modification
- Completely New Product
- Indoor & Outdoor
- Climate Controlled
- UL Certified
- Cabinets & Enclosures & Shelters
- Accessories

Commonly used for:

- Fiber Optics
- Satellite Communication
- Wireless Backhaul
- Cable Television
- Navigation & Positioning
- Military Installation
- Port Security
- Any EIA standard rack mount equipment
- Cell Sites
- General Industry



SOLUTION

Custom Enclosure



Other Options



Power. 110-240V. A pre-wired 20 Amp quad receptacle is usually a standard feature.



Power Supply (Breaker, Rectifier, Monitor)
A system consists of Breaker, Rectifier and Monitor.



Ground bar kit. 10-position
10 position isolated copper ground bar.



19" or 23" Mounting Panel. Standard fiber panel and MPO/MTP panel available.



PDU. Suitable for all kinds of 19" standard cabinets and nonstandard cabinets. Designed as modular structure.



Battery: AGM VRLA Batteries



Battery Storage. Normally designed to accommodate standard telecom style batteries.



Laptop Tray



L Rail Set



Interior Light



Heater



Fan



Air Conditioner



Heat Exchanger



Door Alarm



Water Alarm



Smoke Alarm



Dynamic Environment Monitoring Systems



Generator Plug & Interlock



Door Latch Tool. Extremely secure and impermeable.



Lifting brackets. Don't worry about loading your enclosure before installation. Crane install: Stainless steel lifting brackets on top.



Solar shield roof. The space between the double walled roof allows heat to dissipate reducing the effects of radiant heat.



Optical Splitter



Splice Tray



Distribution Module



19" or 23" Relay Racks. Adjustable rails for easy mounting.



Mounting Base

Multi-functional Tri-Bay Cabinet



- Three lockable compartments
- Separated cabins for power, passive and other equipment
- Isolated cabin option for batteries
- Ideal solution for multi-party management



Cold-rolled Steel. Lowest price.



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



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



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



Ground bar kit. 10-position



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



19" or 23" Relay Racks

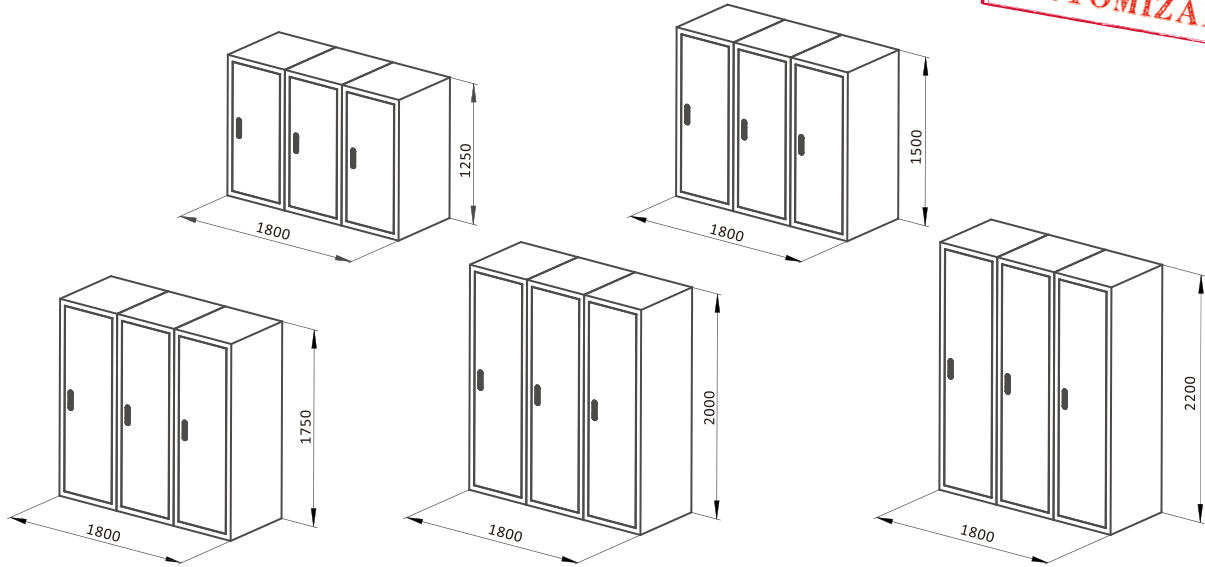


Utility Grey RAL7035

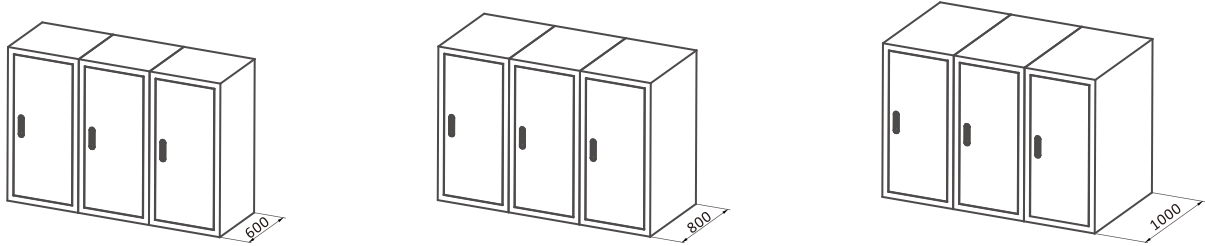
Multi-functional Tri-Bay Cabinet

Construction

Available in these heights (in mm):



Available in these depths (in mm):



Other Options



Power. 110-240V



Power Supply (Breaker, Rectifier, Monitor)



Ground bar kit. 10-position



19" or 23" Mounting Panel



PDU



Battery: AGM VRLA Batteries



Battery Storage



Laptop Tray



L Rail Set



Interior Light



Heater



Fan



Air Conditioner



Heat Exchanger



Door Alarm



Water Alarm



Smoke Alarm



Dynamic Environment Monitoring Systems



Generator Plug & Interlock



Door Latch Tool



Solar shield roof



Optical Splitter



Splice Tray



Distribution Module



19" or 23" Relay Racks



Mounting Base

Dual Bay Easy Access Cabinet

- Four doors with side-door design-easy installation and maintenance
- Can be assembled on site, easy transportation for rural area
- A/C Cooling and heating / heat exchange options available



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



Ground bar kit. 10-position



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



19" or 23" Relay Racks

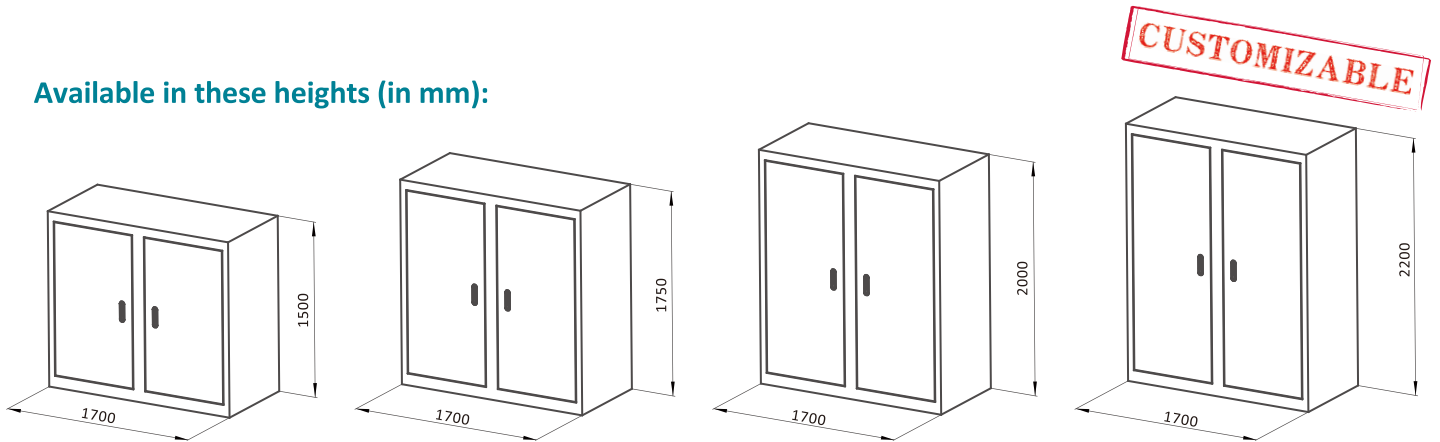


Utility Grey RAL7035

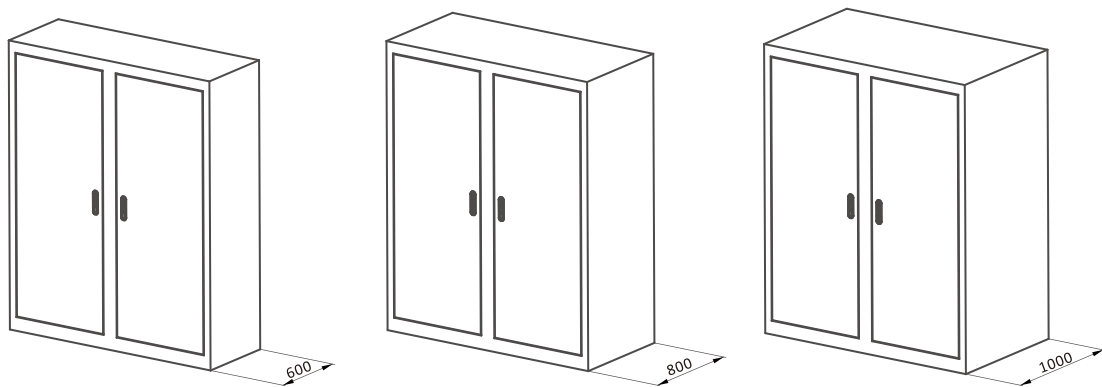
Dual Bay Easy Access Cabinet

Construction

Available in these heights (in mm):



Available in these depths (in mm):



Other Options



Power. 110-240V



Laptop Tray



Door Alarm



Optical Splitter



Power Supply
(Breaker, Rectifier, Monitor)



L Rail Set



Water Alarm



Splice Tray



Ground bar kit. 10-position



Interior Light



Smoke Alarm



Distribution Module



19" or 23" Mounting Panel



Heater



Dynamic Environment
Monitoring Systems



19" or 23" Relay Racks



PDU



Fan



Generator Plug & Interlock



Mounting Base



Battery: AGM VRLA Batteries



Air Conditioner



Door Latch Tool



Battery Storage



Heat Exchanger

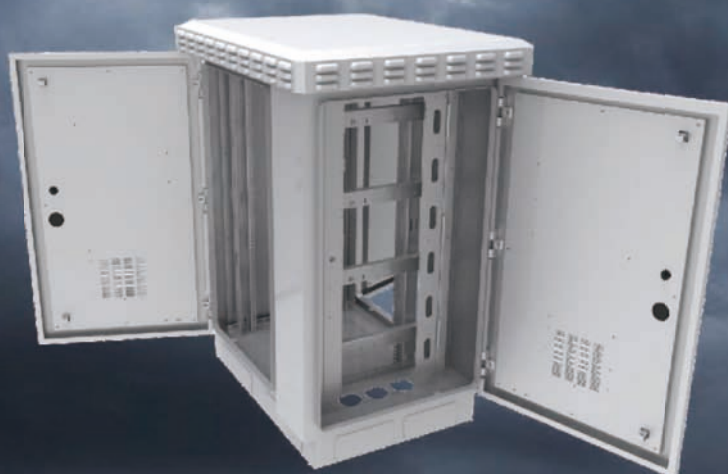


Solar shield roof

The Multiple Protection



- Three-door design for maximum function varieties
- Side compartment for fiber, MDF/VDF modules or embedded climate control equipment
- Fans can be added on the top cover for extra ventilation



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



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



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



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



Ground bar kit. 10-position



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



19" or 23" Relay Racks

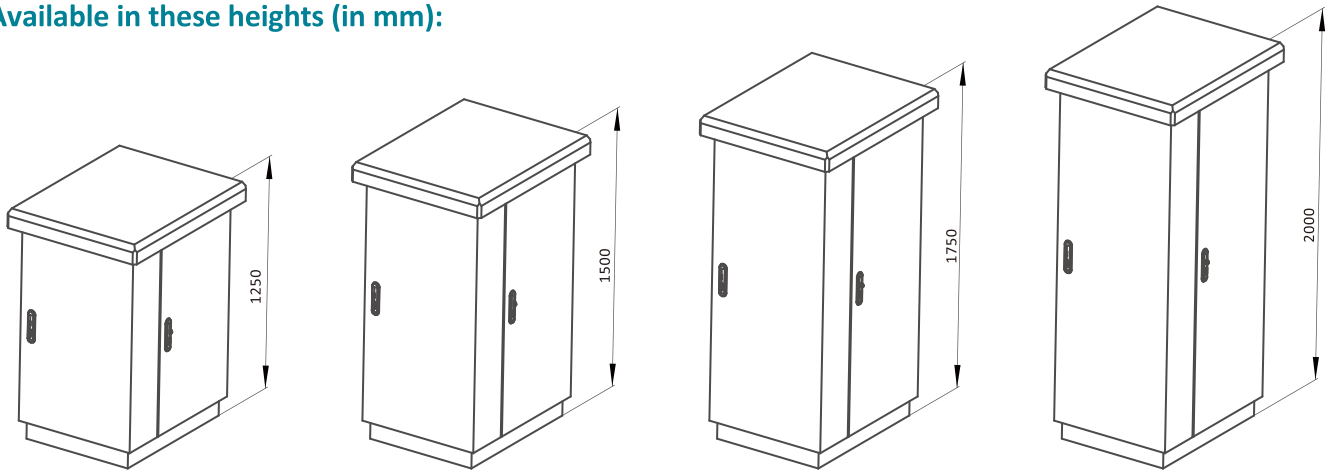


Utility Grey RAL7035

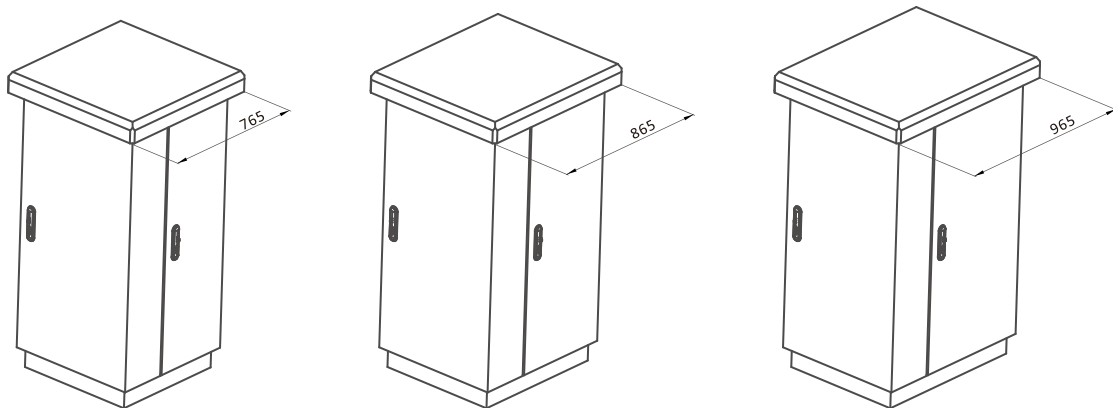
The Multiple Protection

Construction

Available in these heights (in mm):



Available in these depths (in mm):



CUSTOMIZABLE

Other Options



Power. 110-240V



Power Supply (Breaker, Rectifier, Monitor)



Ground bar kit. 10-position



19" or 23" Mounting Panel



PDU



Battery: AGM VRLA Batteries



Battery Storage



Laptop Tray



L Rail Set



Interior Light



Heater



Fan



Air Conditioner



Heat Exchanger



Door Alarm



Water Alarm



Smoke Alarm



Dynamic Environment Monitoring Systems



Generator Plug & Interlock



Door Latch Tool



Solar shield roof



Optical Splitter



Splice Tray



Distribution Module



19" or 23" Relay Racks



Mounting Base

Integrated Outdoor Cabinet

- Rotatable installation racks for easy management
- A/C Cooling and heating / heat exchange options available
- Heavy duty for extreme heavy equipment



Cold-rolled Steel. Lowest price.



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



Ground bar kit. 10-position



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



Lifting brackets

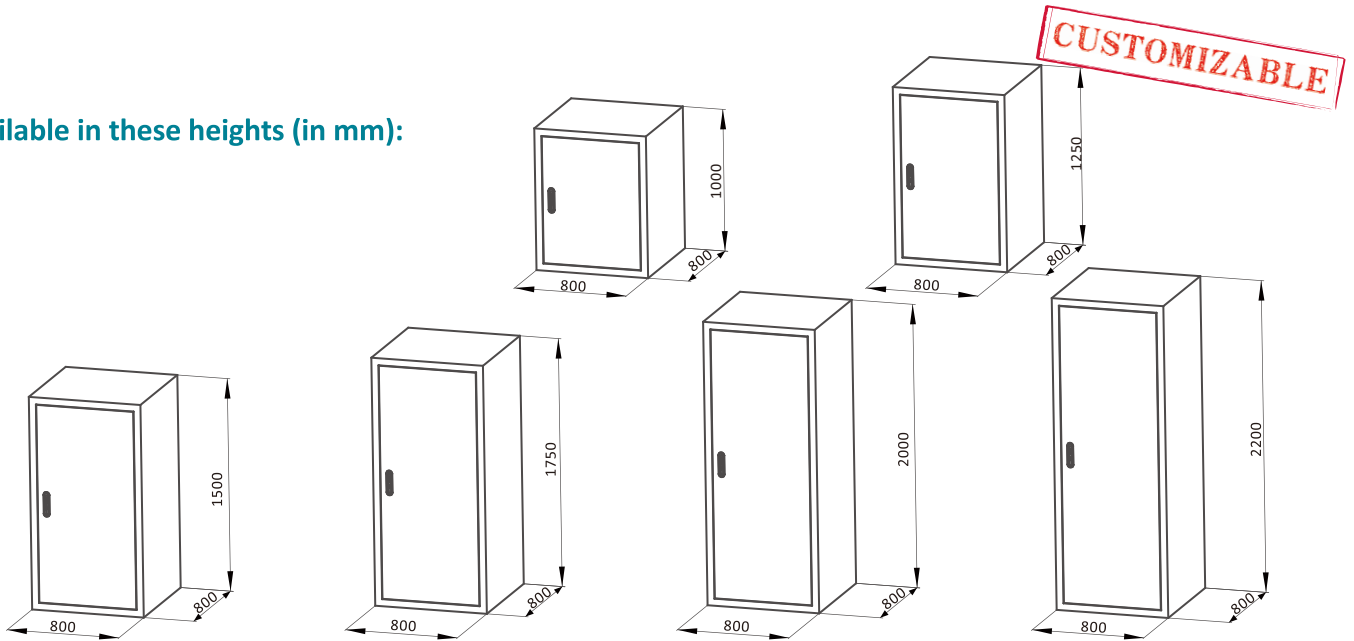


Utility Grey RAL7035

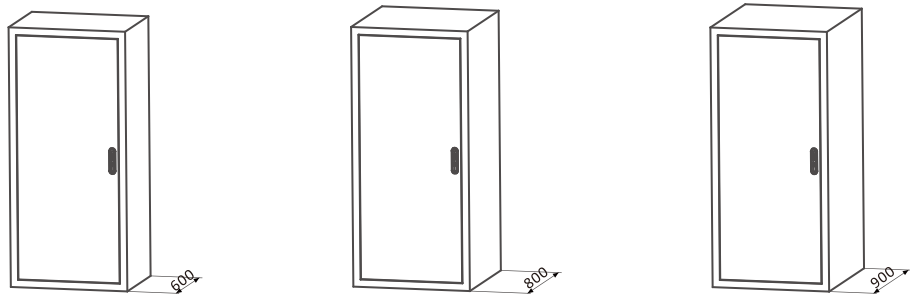
Integrated Outdoor Cabinet

Construction

Available in these heights (in mm):



Available in these depths (in mm):



Other Options



Power. 110-240V



Laptop Tray



Door Alarm



Optical Splitter



Power Supply (Breaker, Rectifier, Monitor)



L Rail Set



Water Alarm



Splice Tray



Ground bar kit. 10-position



Interior Light



Smoke Alarm



Distribution Module



19" or 23" Mounting Panel



Heater



Dynamic Environment Monitoring Systems



Lifting brackets



PDU



Fan



Generator Plug & Interlock



Mounting Base



Battery: AGM VRLA Batteries



Air Conditioner



Door Latch Tool



Battery Storage



Heat Exchanger



Solar shield roof

Modular Enclosure

- Spacious design for high density usage
- External boxes can be mounted on the side of the cabinet
- Isolation between switch power supply and batteries



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



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



Ground bar kit. 10-position



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



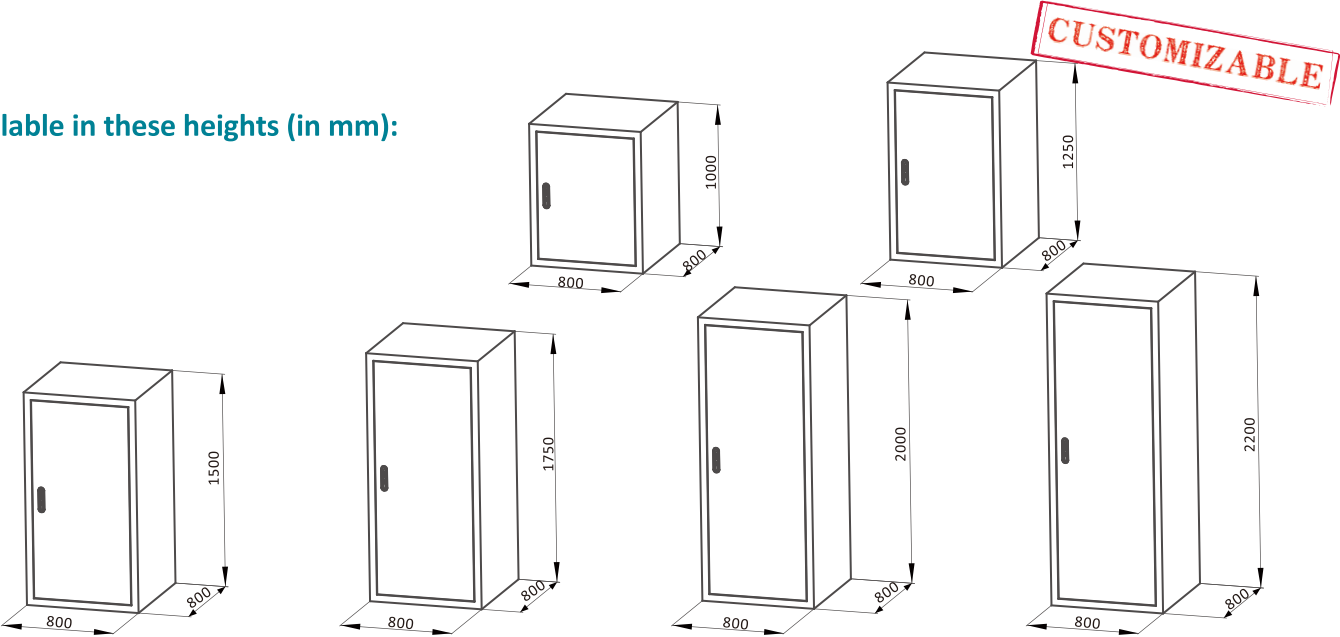
19" or 23" Relay Racks



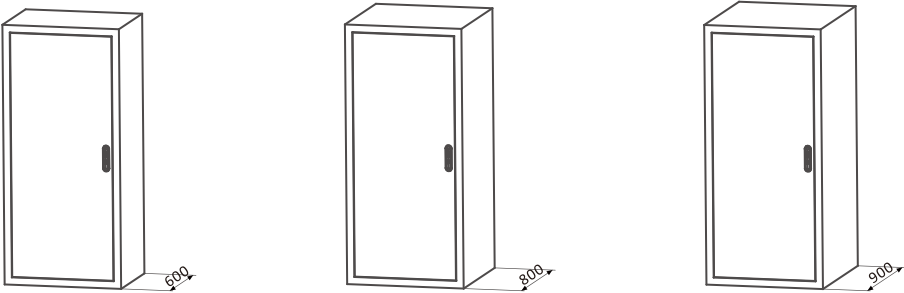
Utility Grey RAL7035

Construction

Available in these heights (in mm):



Available in these depths (in mm):



Other Options



Power: 110-240V



Laptop Tray



Door Alarm



Optical Splitter



Power Supply (Breaker, Rectifier, Monitor)



L Rail Set



Water Alarm



Splice Tray



Ground bar kit. 10-position



Interior Light



Smoke Alarm



Distribution Module



19" or 23" Mounting Panel



Heater



Dynamic Environment Monitoring Systems



19" or 23" Relay Racks



PDU



Fan



Generator Plug & Interlock



Mounting Base



Battery: AGM VRLA Batteries



Air Conditioner



Door Latch Tool



Battery Storage



Heat Exchanger



Solar shield roof

Mini Enclosure

- Light weight for easier transportation
- Three installation ways
- Lowest priced outdoor rack mount enclosure



.5025 Aluminum. Outstanding corrosion resistance.



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



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



Ground bar kit. 10-position



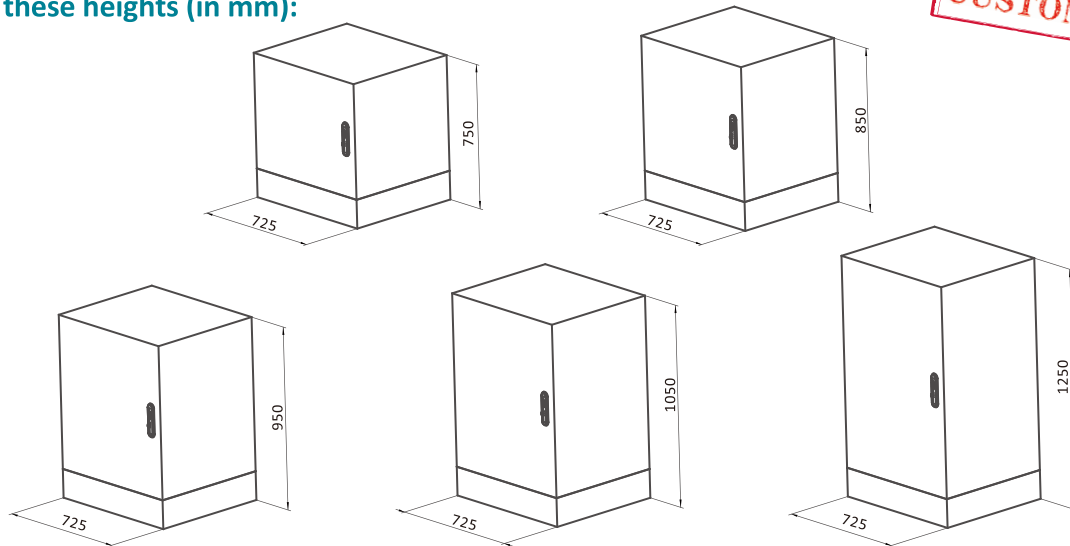
Powder coat. Finished to current industry mechanical and environmental standards for telecom enclosures.



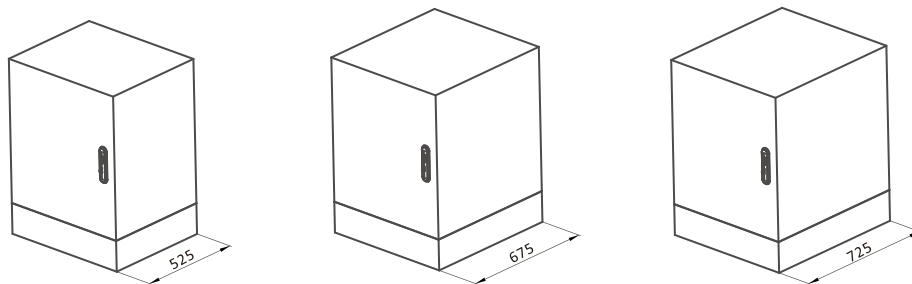
Stainless steel hardware. High-grade stainless steel hardware only.

Construction

Available in these heights (in mm):



Available in these depths (in mm):



Other Options



Power. 110-240V



Laptop Tray



Door Alarm



Mounting Base



Power Supply (Breaker, Rectifier, Monitor)



L Rail Set



Water Alarm



Ground bar kit. 10-position



Interior Light



Smoke Alarm



19" or 23" Mounting Panel



Heater



Dynamic Environment Monitoring Systems



PDU



Fan



Generator Plug & Interlock



Battery: AGM VRLA Batteries



Air Conditioner



Door Latch Tool



Battery Storage



Heat Exchanger



Solar shield roof



Optical Splitter

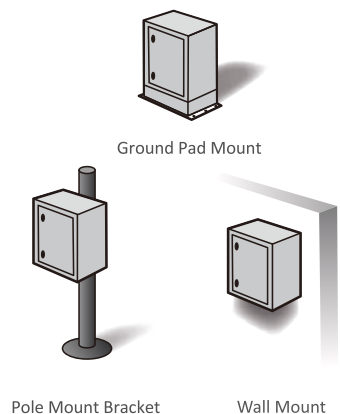


Splice Tray



Distribution Module

Mounting Options:



High Density Cabinet

- Combination of Ming Series HD modules and Multi-splitter cassette
- Ultra HD, make the most of limited space
- Terminates up to 72 SC or 108 LC ports within 1U space by using Ming series HD modules
- Customizable cabinet size, flex for different applications



Cold-rolled Steel. Lowest price.



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



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



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



Ground bar kit. 10-position



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



Distribution Module



Utility Grey RAL7035



Optical Splitter



Splice Tray

High Density Cabinet

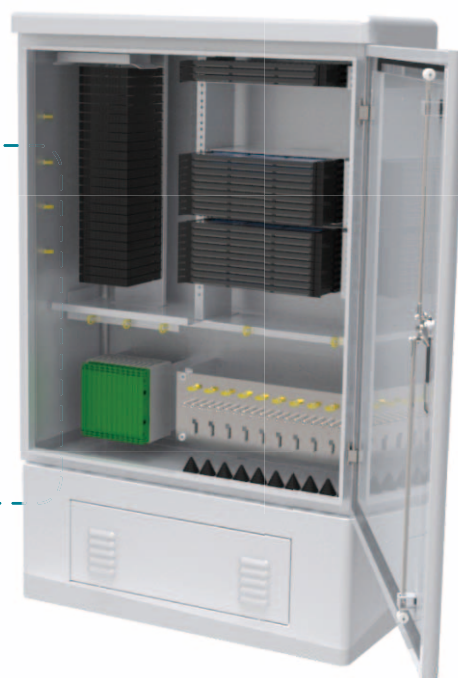
Construction

Combination of Ming Series HD modules and Multi-splitter cassette.
Ultra HD, make the most of limited space. Terminates up to 72 SC or 108 LC ports within 1U space by using Ming series HD modules.

CUSTOMIZABLE

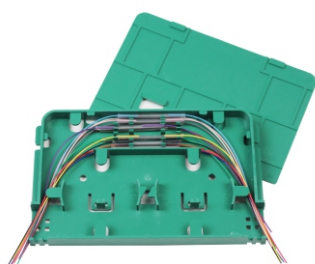
Multi-Splitter Cassette:

- Space saving - Holds up to 6 mini splitters (up to 1x8)
- Diameter 1.6mm pigtails, perfect for HD splice modules
- Exit from both front and right sides
- Push & Fit design, no installation tool required



Order Reference: HD-FDC

Typical Accessories



Splice Tray



Operating Shelf

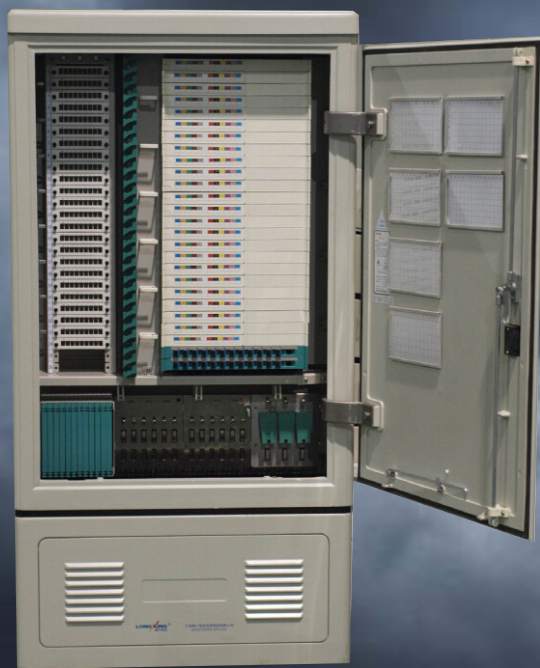


HD Patch Panel




SMC Series Cross Connection Cabinet

- High strength glass-fiber polyester (SMC) body
- Pole and pad versions available
- Front access with locking feature
- Provides flexible fiber cable management
- Compatible with all types of PLC splitters
- Unique design minimizes fiber routing congestion
- Pre-connectorized fiber pigtails installed for rapid deployment




 **SMC** Glass-fiber polyester


 **Ground bar kit, 10-position**

 **Optical Splitter**

 **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.

 **Splice Tray**

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

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

 **Distribution Module**

SMC Series Cross Connection Cabinet

Catalog Number

FDC-

--	--	--	--	--	--	--	--	--	--	--	--	--

Material
F = Fiber Glass
C = Cold-rolled Steel
S = Stainless Steel
O = Other*

Dimensions
1 = 1030*570*308
2 = 1450*750*320
3 = 1450*750*540
O = Other* (not available for SMC)

Splitter
Y = Yes
N = No

Splitter mount position
L = Left
R = Right
N = No

Splitter Type
1 = Cassette Type
2 = Module Type (LGX Box)
N = No

Accessories
P = Pigtails
A = Adapters
B = Pigtails and Adapters
N = No Requirement

Module Quantity
Enter thr quantity required
N = No Requirement

Module Type
A1 = A1
B0 = B0

Splitter Quantity
Enter thr quantity required
N = No Requirement

Splitter Capacity
1 = 1*8
2 = 1*16
3 = 1*32
N = No

Ordering Example:

F1YL11-16-B012B Fiber Glass, 1030*570*308, splitters, left, cassette type , 1*8, 16 splitters, B0 module, 12pcs, Pigtails and Adapters.

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.

SMC Series Cross Connection Cabinet

Construction

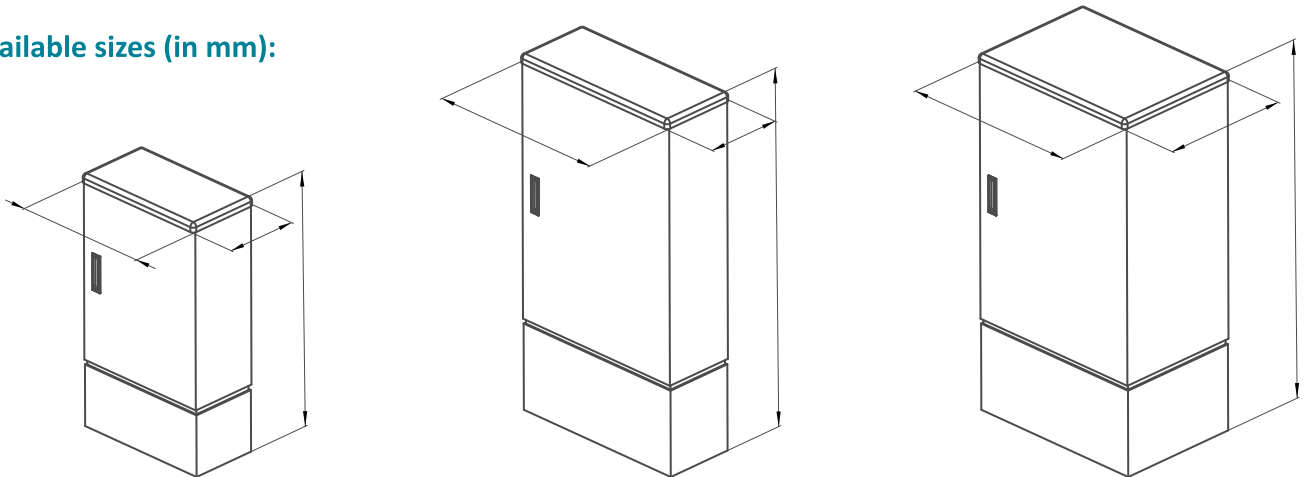
LongXing SMC Series polycarbonate outdoor cabinet is a perfect solution for outdoor fiber connection and distribution applications. Special glass fiber reinforced polycarbonate structure makes this cabinet an ideal solution for cross connect applications.

High strength glass-fiber polyester (SMC) body ensures excellent performance of mechanical durability, anti-erosion, aging resistance and lightweight. The structure is the perfect combination of low weight and high mechanical strength and its functional design gives extra advantages both for installation and cable management.

Units are equipped with wire management and can be ordered pre-configured and tested with pigtails, patch panels with adapters and optical splitters.



Available sizes (in mm):



Standard capacity up to 576 cores, in three Models:

GXF-144 (Dimensions: 1030*570*308), GXF-288 (Dimensions: 1450*750*320) and GXF-576 (Dimensions: 1450*750*540).

Fiber Distribution Cabinet



- Capacity up to 576 fiber
- Customized size available upon request
- Pole and pad versions available
- Front and back access with locking feature
- Provides flexible fiber cable management
- Compatible with all types of PLC splitters
- Pre-connectorized fiber pigtails installed for rapid deployment



Cold-rolled Steel. Lowest price.



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



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



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



Ground bar kit. 10-position



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



Distribution Module



Utility Grey Utility Grey RAL7035



Optical Splitter



Splice Tray

Fiber Distribution Cabinet

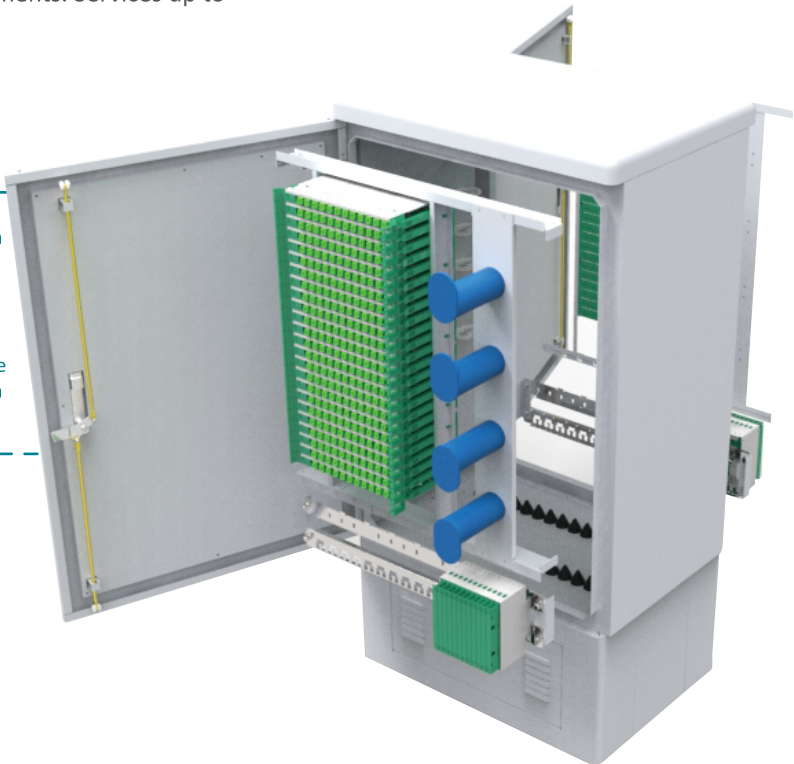
Construction

This cost-effective, high quality Fiber Distribution Cabinet features providing an attractive enclosure for rural & residential deployments. Services up to 576 fiber from a single cabinet.

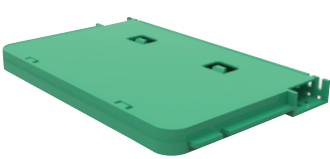
CUSTOMIZABLE

The Cross Connection Cabinet (FDC) provides a secure transition point from the passive optical network (PON) to the subscriber drop for both pre-configured pigtail and/or patch and splice applications.

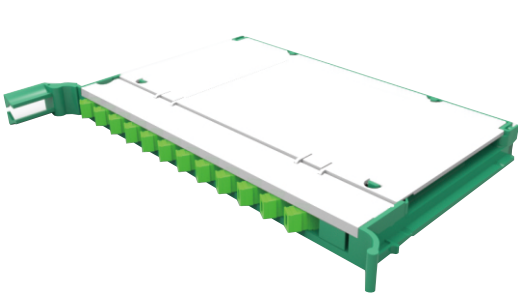
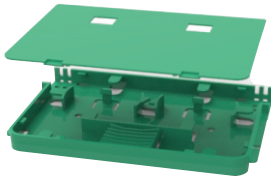
The FDC is offered in subscriber counts from 144 to 576, in three Models: FDC-144/288, FDC- 432 and FDC-576. Customized ultra high density design upon request.



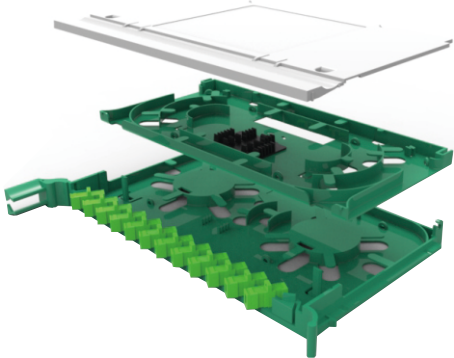
Typical Accessories



Splice Tray



Splice & Distribution Modules



Units are equipped with wire management and can be ordered pre-configured and tested with pigtails, patch panels with adapters and optical splitters.



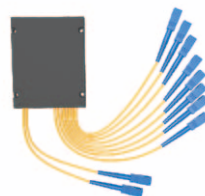
PLC Splitters



Module Type 1 / 2



Mini Type



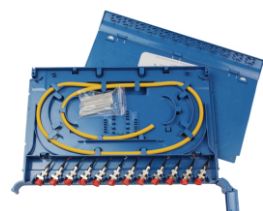
Cassette Type



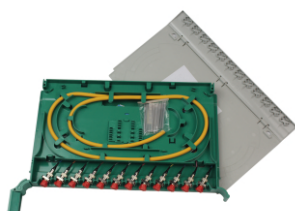
longxing telecom



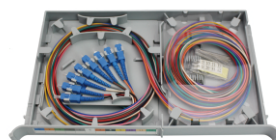
Distribution Modules



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



Optical Splice & Distribution Module Series B (B0)



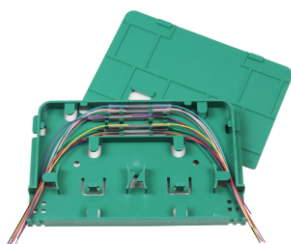
Optical Splice & Distribution Module Series I (I1)



longxing telecom



Splice Tray



Fiber Optic Splice Tray ST-1D12A



Round Splice Tray UFO Type ST-1D24C



Fiber Optic Splice Tray ST-2S12C



longxing telecom



Rectifier/ Power Supply



Power Supply Monitoring System MC2000



Rectifier Module 3000M



Communication Power Supply 48400S



longxing telecom

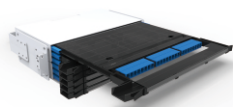
Accessories



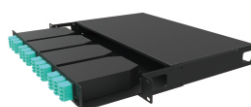
ODF/Patch Panel



Rack Mount Patch Panel ODU-L10



Rack Mount Patch Panel ODU-L11



Modular MTP/MPO Patch Panel ODU-L18



longxing telecom



Air Conditioner



Thermoelectric Air Conditioner DC200



Enclosure Air Conditioner DC500



Enclosure Air Conditioner AC1500



longxing telecom



Heat Exchanger



Tube Heat Exchanger HEG-60



Plate Heat Exchanger HEC-80



Tube Heat Exchanger HEG-100



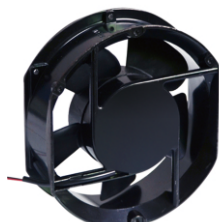
longxing telecom



Fan



AC Axial Fan AC 12308



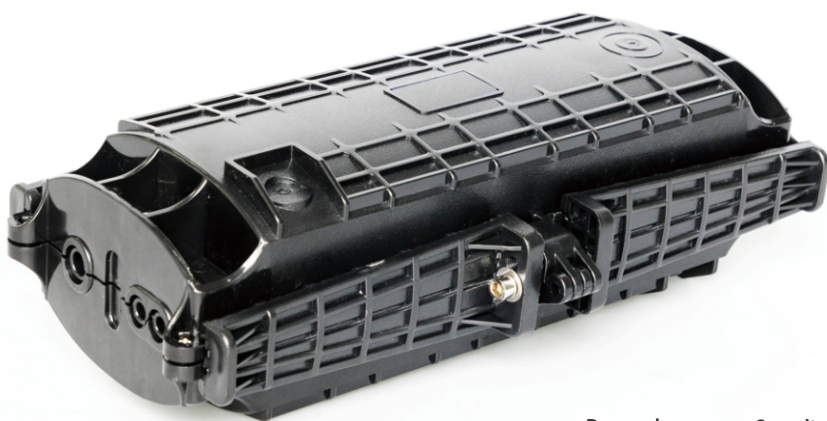
DC Brushless Fan DC 17251



AC Axial Fan AC 17251



longxing telecom



Overview

LongXing GPJ83 Series 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. Applicable to situations such as overhead, man-well of pipeline, embedded situation etc.

Features

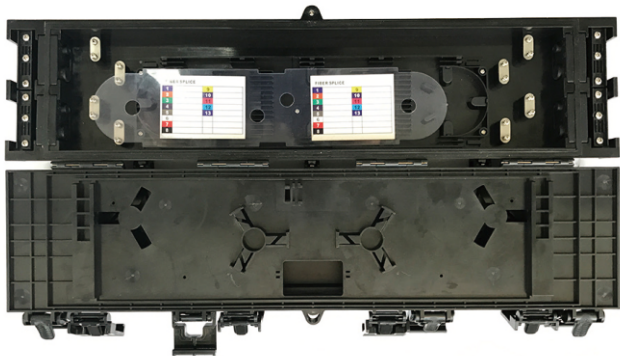
- The protection grade up to IP 68.
- Aerial, wall/pole-mounting, and underground.
- Working temperature ranges from -40 to 65°C.
- Made of quality engineering plastics, good performance of anti-erosion against acid and salt, anti-aging, smooth appearance and reliable mechanical structure.
- Resisting wild environment, intensive climate changes and serious working environment.
- The splice trays (FOST) inside the closure are turn-able like booklets, minimum bend radius of 40mm.

Model	Dimensions (L*W*H)/(H*Dia) mm	Capacity(Cores)		Number of Inlet/Out Ports	Cable Diameter (mm)
		Bunchy	Ribbon		
GPJ83-H01	390*210*120	12-96	72-144	3 pieces on each side (total 6 pieces)	Φ5-Φ16
GPJ83-H02	320*210*85	12-96	up to 144	6 pieces	Φ5-Φ20
GPJ83-H03	280*200*90	12-96	up to 144	max. 4 pieces	Φ5-Φ20
GPJ83-H04	450*220*110	12-96	72-288	3 pieces on each side (total 6 pieces)	Φ5-Φ23
GPJ83-H05	450*220*160	12-192	72-288	3 pieces on each side (total 6 pieces)	Φ5-Φ23
GPJ83-H06	395*195*130	12-96	72-144	3 pieces on each side (total 6 pieces)	Φ5-Φ20
GPJ83-H07	470*180*125	12-96	up to 144	3 pieces on each side (total 6 pieces)	Φ5-Φ20
GPJ83-H08	340*150*70	12-48	36-72	2 pieces on each side (total 4 pieces)	Φ5-Φ16
GPJ83-H09	605*215*120	48-144	max. 576	2 pieces on each side (total 4 pieces)	Φ8-Φ23
GPJ83-H10	450*220*110	12-96	max. 144	4 pieces on each side (total 8 pieces)	Φ8-Φ20
GPJ83-H11	413*160*88	12-96	max. 144	2 pieces on each side (total 4 pieces)	Φ8-Φ16
GPJ83-H12	605*215*175	12-288	max. 1152	2 pieces on each side (total 4 pieces)	Φ8-Φ23
GPJ83-H13	460*182*120	12-96	up to 144	2 pieces on each side (total 4 pieces)	Φ5-Φ20
GPJ83-H14	336*180*100	12-48	36-72	4 pieces on each side (total 8 pieces)	Φ6-Φ13
GPJ83-D01	430*190	12-96	up to 288	4 pieces	Φ5-Φ18
GPJ83-D02	540*205	24-96	up to 288	5 pieces	Φ5-Φ36
GPJ83-D03	420*190	12-96	up to 144	5 pieces	Φ5-Φ25
GPJ83-D04	480*220	12-288	up to 432	6 pieces	Φ5-Φ18
GPJ83-D05	310*190	12-48	up to 72	4 pieces	Φ5-Φ17
GPJ83-D06	460*190	12-96	up to 144	4 pieces	Φ8-Φ16
GPJ83-D07	310*190	12-48	N/A	4 pieces	Φ5-Φ25
GPJ83-D08	460*205	24-96	up to 288	5 pieces in general	Φ8-Φ25
GPJ83-D09	470*210	24*144	up to 432	9 pieces in general	Φ8-Φ25
GPJ83-D10	470*210	24-144	up to 432	5 pieces in general	Φ8-Φ38
GPJ83-D11	515*310	24*288	up to 864	7 pieces in general	Φ5-Φ38
GPJ83-D12	395*190	6-96	up to 144	4 pieces	Φ8-Φ16
GPJ83-D13	490*220	48-288	up to 864	7 pieces in general(max. 6 pieces)	Φ8-Φ36
GPJ83-D14	435*190	12-96	up to 288	5 pieces in general	Φ8-Φ25

Model	Dimensions (L*W*H)/(H*Dia) mm	Bundle	Capacity(Cores)			Entries		Cable Diameter (mm)
			E.W	Ribbon	E.W	Standard	Entries	
GPJ83-1	420*145*145	96	N/A	320	N/A	2 in 2 out	N/A	≤ Φ20
GPJ83-2	460*260*145	144	N/A	480	N/A	3 in 3 out	N/A	≤ Φ20
GPJ83-3	480(L)*Φ150	72	N/A	320	N/A	2 in 2 out	N/A	≤ Φ20
GPJ83-4	660*220*178	192	N/A	480	N/A	3 in 3 out	N/A	≤ Φ20
GPJ83-5	650(L)*Φ235	192	144	560	480	3 in 3 out	1 in 1 out	≤ Φ20 (Φ23 for E.W)
GPJ83-6	500(L)*Φ171	144	N/A	480	N/A	3 in 3 out	N/A	≤ Φ20
GPJ83-7	450*200*125	96	N/A	320	N/A	2 in 2 out	N/A	≤ Φ20
GPJ83-8	392*152*54	24	N/A	144	N/A	2 in 2 out	N/A	≤ Φ20
GPJ83-9B	500(L)*Φ171	72	144	320	480	2 in 2 out	1 in 1 out	≤ Φ20 (Φ23 for E.W)
GPJ83-10	275(L)*Φ148	12	N/A	N/A	N/A	2 in 2 out	N/A	≤ Φ13.6
GPJ83-11	400*60*130	N/A	N/A	12	N/A	1 in 1 out	N/A	≤ Φ6

Splice Closure

GPJ83-12



GPJ83-12 series

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 comstruction 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 oodperformance of anti-erosion against acid and alkali salt, anti-aging, as well as smooth apperance and reliable mechanical strucure.
- The mechanical structure is reliable and has the performance of resisting wildenvironment and intensive climate changes and serious working environment.

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.

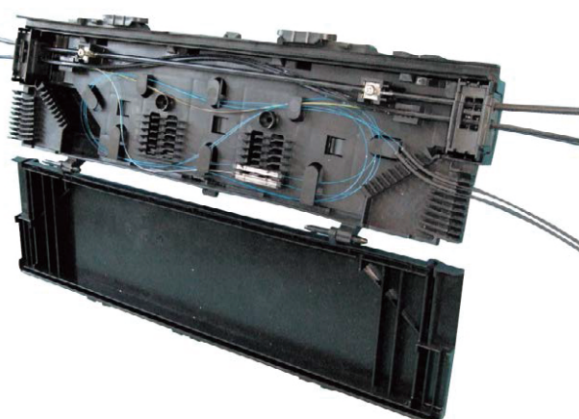
Dimensions and Capability	
Dimensions (L*W*H)	605mm*167mm*87mm
Quantity of Fiber	4 in, 16 out
Adapter Type	SC, LC
Max Cable Diameter	16mm
Max Ratio	(1*8)*2
Max Capacity	24

Splice Closure

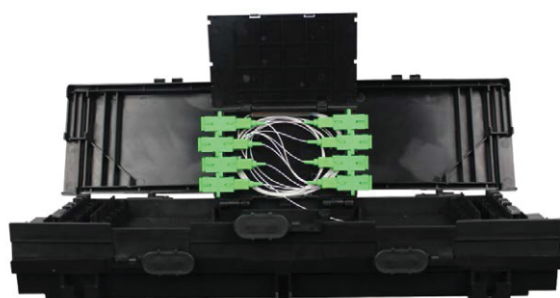
◀ GPJ83-11 series

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.



GPJ83-11A
Splice type

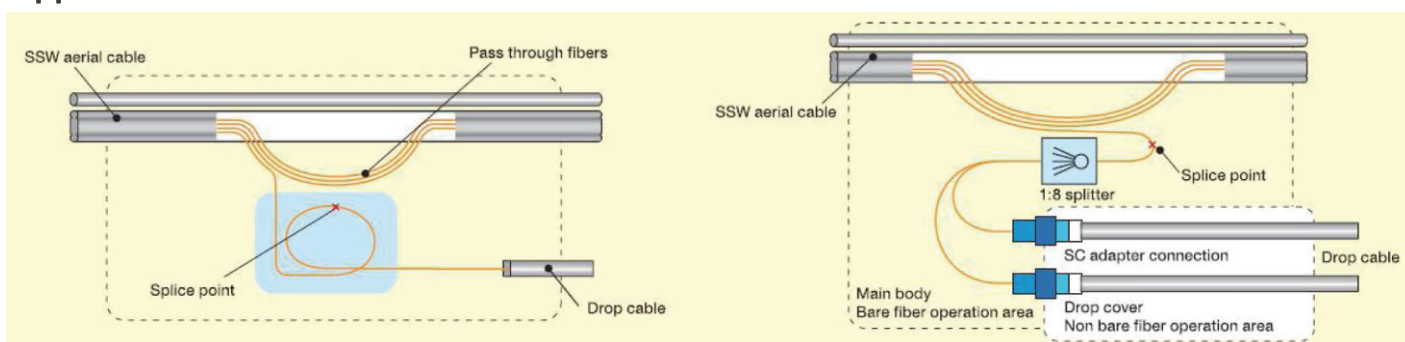


GPJ83-11B
Splitter module type

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.

Applications

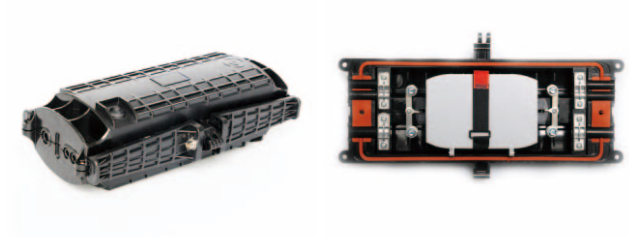


Dimensions and Capability

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	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	with 1x8 splitter module

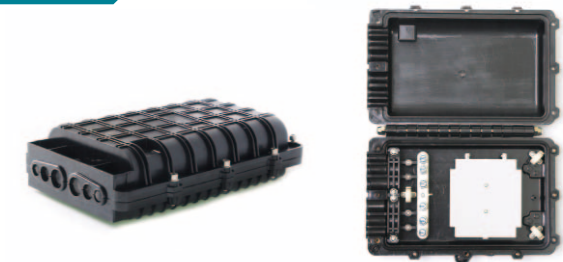
Splice Closure

GPJ83-H01



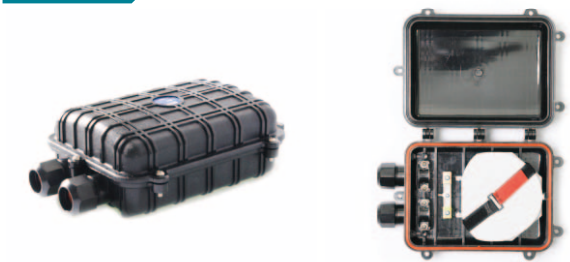
Dimensions and Capacity	
Outside Dimensions (L*W*H)	390mm*210mm*120mm
Weight (excluding outside box)	1900g -2100g
Number of Inlet / Outlet Ports	3 pieces on each side (total 6 pieces)
Diameter of Fiber Cable	Φ5mm - Φ16mm
Capacity of FOSC	Bundle: 12 cores - 96 cores Ribbon: 72 cores - 144 cores

GPJ83-H02



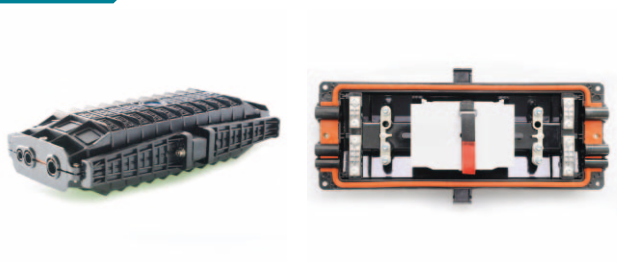
Dimensions and Capacity	
Outside Dimensions (L*W*H)	320mm*210mm*85mm
Weight (excluding outside box)	2650g -2800g
Number of Inlet / Outlet Ports	6 pieces
Diameter of Fiber Cable	Φ5mm - Φ20mm
Capacity of FOSC	Bundle: 12 cores - 96 cores Ribbon: up to 144 cores

GPJ83-H03



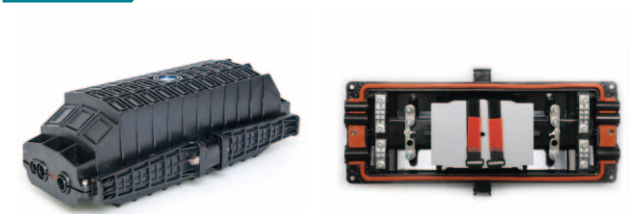
Dimensions and Capacity	
Outside Dimensions (L*W*H)	280mm*200mm*90mm
Weight (excluding outside box)	1200g -1500g
Number of Inlet / Outlet Ports	Max. 4 pieces
Diameter of Fiber Cable	Φ5mm - Φ20mm
Capacity of FOSC	Bundle: 12 cores - 96 cores Ribbon: up to 144 cores

GPJ83-H04



Dimensions and Capacity	
Outside Dimensions (L*W*H)	450mm*220mm*110mm
Weight (excluding outside box)	2750g - 3200g
Number of Inlet / Outlet Ports	3 pieces on each side (total 6 pieces)
Diameter of Fiber Cable	Φ5mm - Φ23mm
Capacity of FOSC	Bundle: 12 cores - 96 cores Ribbon: 72 cores - 288 cores

GPJ83-H05



Dimensions and Capacity	
Outside Dimensions (L*W*H)	450mm*220mm*160mm
Weight (excluding outside box)	3100g - 3800g
Number of Inlet / Outlet Ports	3 pieces on each side (total 6 pieces)
Diameter of Fiber Cable	Φ5mm - Φ23mm
Capacity of FOSC	Bundle: 12 cores - 192 cores Ribbon: 72 cores - 288 cores

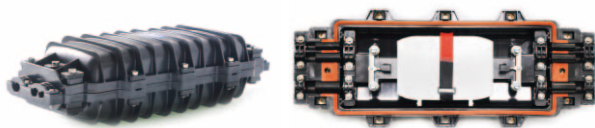
GPJ83-H06



Dimensions and Capacity	
Outside Dimensions (L*W*H)	395mm*195mm*130mm
Weight (excluding outside box)	2500g -2700g
Number of Inlet / Outlet Ports	3 pieces on each side (total 6 pieces)
Diameter of Fiber Cable	Φ5mm - Φ20mm
Capacity of FOSC	Bundle: 12 cores - 96 cores Ribbon: 72 cores - 144 cores

Splice Closure

GPJ83-H07



Dimensions and Capacity	
Outside Dimensions (L*W*H)	470mm*180mm*125mm
Weight (excluding outside box)	2300g - 2970g
Number of Inlet / Outlet Ports	3 pieces on each side (total 6 pieces)
Diameter of Fiber Cable	Φ5mm - Φ20mm
Capacity of FOSC	Bundle: 12 cores - 96 cores Ribbon: up to 144 cores

GPJ83-H08



Dimensions and Capacity	
Outside Dimensions (L*W*H)	340mm*150mm*70mm
Weight (excluding outside box)	1500g - 2000g
Number of Inlet / Outlet Ports	2 pieces on each side (total 4 pieces)
Diameter of Fiber Cable	Φ5mm - Φ16mm
Capacity of FOSC	Bundle: 12 cores - 48 cores Ribbon: 36 cores - 72 cores

GPJ83-H09



Dimensions and Capacity	
Outside Dimensions (L*W*H)	605mm*215mm*120mm
Weight (excluding outside box)	3050g - 4600g
Number of Inlet / Outlet Ports	2 pieces on each side (total 4 pieces)
Diameter of Fiber Cable	Φ8mm - Φ23mm
Capacity of FOSC	Bundle: 48 cores - 144 cores Ribbon: max. 576 cores

GPJ83-H10



Dimensions and Capacity	
Outside Dimensions (L*W*H)	450mm*220mm*110mm
Weight (excluding outside box)	2800g - 3300g
Number of Inlet / Outlet Ports	4 pieces on each side (total 8 pieces)
Diameter of Fiber Cable	Φ8mm - Φ20mm
Capacity of FOSC	Bundle: 12 cores - 96 cores Ribbon: max. 144 cores

GPJ83-H11



Dimensions and Capacity	
Outside Dimensions (L*W*H)	413mm*160mm*88mm
Weight (excluding outside box)	1580g - 2100g
Number of Inlet / Outlet Ports	2 (pieces) on each side (total 4 pieces)
Diameter of Fiber Cable	Φ8mm - Φ16mm
Capacity of FOSC	Bundle: 12 cores - 96 cores Ribbon: max. 144 cores

GPJ83-H12



Dimensions and Capacity	
Outside Dimensions (L*W*H)	605mm*215mm*175mm
Weight (excluding outside box)	3050g - 4600g
Number of Inlet / Outlet Ports	2 pieces on each side (total 4 pieces)
Diameter of Fiber Cable	Φ8mm - Φ23mm
Capacity of FOSC	Bundle: 48 cores - 288 cores Ribbon: max. 1152 cores

Splice Closure

GPJ83-H13



Dimensions and Capacity

Outside Dimensions (L*W*H)	460mm*182mm*120mm
Weight (excluding outside box)	2300g - 2500g
Number of Inlet / Outlet Ports	2 pieces on each side (total 4 pieces)
Diameter of Fiber Cable	Φ5mm - Φ20mm
Capacity of FOSC	Bundle: 12 cores - 96 cores Ribbon: up to 144 cores

GPJ83-H14



Dimensions and Capacity

Outside Dimensions (L*W*H)	336mm*180mm*100mm
Weight (excluding outside box)	1900g - 2300g
Number of Inlet / Outlet Ports	4 pieces on each side (total 8 pieces)
Diameter of Fiber Cable	Φ6mm - Φ13mm
Capacity of FOSC	Bundle: 12 cores - 48 cores Ribbon: 36 cores - 72 cores

GPJ83-D01



Dimensions and Capacity

Outside Dimensions (Height*Diameter)	430mm*190mm
Weight (excluding outside box)	2670g - 2900g
Number of Inlet / Outlet Ports	4pieces
Diameter of Fiber Cable	Φ5mm - Φ18mm
Capacity of FOSC	Bundle: 12 cores - 96 cores Ribbon: up to 288 cores

GPJ83-D02



Dimensions and Capacity

Outside Dimensions (Height*Diameter)	540mm*205mm
Weight (excluding outside box)	3000g - 3600g
Number of Inlet / Outlet Ports	5 pieces
Diameter of Fiber Cable	Φ5mm - Φ36mm
Capacity of FOSC	Bundle: 24 cores - 96 cores Ribbon: up to 288 cores

GPJ83-D03



Dimensions and Capacity

Outside Dimensions (Height*Diameter)	420mm*190mm
Weight (excluding outside box)	2300g - 2500g
Number of Inlet / Outlet Ports	5 pieces
Diameter of Fiber Cable	Φ5mm - Φ25mm
Capacity of FOSC	Bundle: 12 cores - 96 cores Ribbon: up to 144 cores

GPJ83-D04



Dimensions and Capacity

Outside Dimensions (Height*Diameter)	480mm*220mm
Weight (excluding outside box)	3500g - 4100g
Number of Inlet / Outlet Ports	6 pieces
Diameter of Fiber Cable	Φ5mm - Φ18mm
Capacity of FOSC	Bundle: 12 cores - 288 cores Ribbon: up to 432 cores

Splice Closure

GPJ83-D05



Dimensions and Capacity

Outside Dimensions (Height*Diameter)	310mm*190mm
Weight (excluding outside box)	1830g - 1910g
Number of Inlet / Outlet Ports	4 pieces
Diameter of Fiber Cable	Φ5mm - Φ17mm
Capacity of FOSC	Bundle: 12 cores - 48 cores Ribbon: up to 72 cores

GPJ83-D06



Dimensions and Capacity

Outside Dimensions (Height*Diameter)	460mm*190mm
Weight (excluding outside box)	2050g - 2500g
Number of Inlet / Outlet Ports	4 pieces
Diameter of Fiber Cable	Φ8mm - Φ16mm
Capacity of FOSC	Bundle: 12 cores - 96 cores Ribbon: up to 144 cores

GPJ83-D07



Dimensions and Capacity

Outside Dimensions (Height*Diameter)	310mm*190mm
Weight (excluding outside box)	1550g - 1740g
Number of Inlet / Outlet Ports	4 pieces
Diameter of Fiber Cable	Φ5mm - Φ25mm
Capacity of FOSC	Bundle: 12 cores - 48 cores Ribbon: up to 72 cores

GPJ83-D08



Dimensions and Capacity

Outside Dimensions (Height*Diameter)	460mm*205mm
Weight (excluding outside box)	2350g - 3500g
Number of Inlet / Outlet Ports	5 pieces in general
Diameter of Fiber Cable	Φ8mm - Φ25mm
Capacity of FOSC	Bundle: 24 cores - 96 cores Ribbon: up to 288 cores

GPJ83-D09



Dimensions and Capacity

Outside Dimensions (Height*Diameter)	470mm*210mm
Weight (excluding outside box)	2350g - 3500g
Number of Inlet / Outlet Ports	9 pieces in general
Diameter of Fiber Cable	Φ8mm - Φ25mm
Capacity of FOSC	Bundle: 24 cores - 144 cores Ribbon: up to 432 cores

GPJ83-D10



Dimensions and Capacity

Outside Dimensions (Height*Diameter)	470mm*210mm
Weight (excluding outside box)	2350g - 3500g
Number of Inlet / Outlet Ports	5 pieces in general
Diameter of Fiber Cable	Φ8mm - Φ38mm
Capacity of FOSC	Bundle: 24 cores - 144 cores Ribbon: up to 432 cores

Splice Closure

GPJ83-D11



Dimensions and Capacity	
Outside Dimensions (Height*Diameter)	515mm*310mm
Weight (excluding outside box)	3000g - 4600g
Number of Inlet / Outlet Ports	7 pieces in general
Diameter of Fiber Cable	Φ5mm - Φ38mm
Capacity of FOSC	Bundle: 24 cores - 288 cores Ribbon: up to 864 cores

GPJ83-D12



Dimensions and Capacity	
Outside Dimensions (Height*Diameter)	395mm*190mm
Weight (excluding outside box)	2400g - 3000g
Number of Inlet / Outlet Ports	4 pieces
Diameter of Fiber Cable	Φ8mm - Φ16mm
Capacity of FOSC	Bundle: 6 cores - 96 cores Ribbon: up to 144 cores

GPJ83-D13



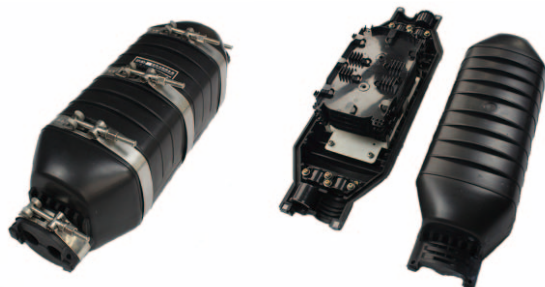
Dimensions and Capacity	
Outside Dimensions (Height*Diameter)	490mm*220mm
Weight (excluding outside box)	3000g - 3600g
Number of Inlet / Outlet Ports	6 pieces in general (max. 6 pieces)
Diameter of Fiber Cable	Φ8mm - Φ36mm
Capacity of FOSC	Bundle: 48 cores - 288 cores Ribbon: up to 864 cores

GPJ83-D14



Dimensions and Capacity	
Outside Dimensions (Height*Diameter)	435mm*190mm
Weight (excluding outside box)	2350g - 2600g
Number of Inlet / Outlet Ports	5 pieces in general
Diameter of Fiber Cable	Φ8mm - Φ25mm
Capacity of FOSC	Bundle: 12 cores - 96 cores Ribbon: up to 288 cores

GPJ83-1



Dimensions and Capability	
Dimensions (L*W*H)	420 mm*145 mm*145 mm
Max Capacity	Bundle 96 Cores; Ribbon 320 Cores
Number of Cable Entrance/Exit	2 ; 2
Diameter of Cable	Less than Φ20 mm

GPJ83-2



Dimensions and Capability	
Dimensions (L*W*H)	460mm*260mm*145mm
Max Capacity	Bundle 144 Cores; Ribbon 480 Cores
Number of Cable Entrance/Exit	3 ; 3
Diameter of Cable	Less than Φ20mm

Splice Closure

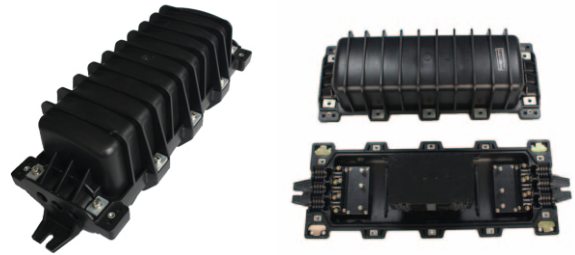
GPJ83-3



Dimensions and Capability

Dimensions (Height*Diameter)	480(L) *Φ150
Max Capacity	Bundle 72 Cores; Ribbon 320 Cores
Number of Cable Entrance/Exit	2 ; 2
Diameter of Cable	Less than Φ20 mm

GPJ83-4



Dimensions and Capability

Dimensions (L*W*H)	660mm*220mm*178mm
Max Capacity	Bundle 192 Cores; Ribbon 480 Cores
Number of Cable Entrance/Exit	3 ; 3
Diameter of Cable	Less than Φ20 mm

GPJ83-5



Dimensions and Capability

Dimensions (Height*Diameter)	650(L) *Φ235
Max Capacity	Bundle 192 Cores; Ribbon 560 Cores
Number of Cable Entrance/Exit	3 In 3 Out PLUS An Extra Window of 1 In 1 Out
Diameter of Cable	Less than Φ20mm (Φ23mm for the extra window)

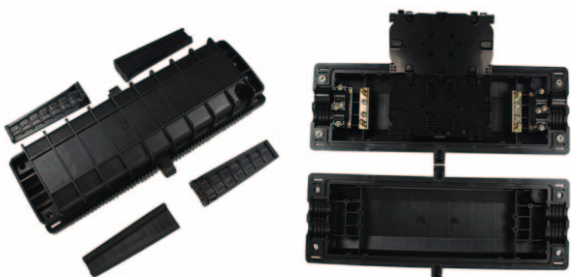
GPJ83-6



Dimensions and Capability

Dimensions (Height*Diameter)	500(L) *Φ171
Max Capacity	Bundle 144 Cores; Ribbon 480 Cores
Number of Cable Entrance/Exit	3 ; 3
Diameter of Cable	Less than Φ20 mm

GPJ83-7



Dimensions and Capability

Dimensions (L*W*H)	450mm*200mm*125mm
Max Capacity	Bundle 96 Cores; Ribbon 320 Cores
Number of Cable Entrance/Exit	2 ; 2
Diameter of Cable	Less than Φ20 mm

GPJ83-8



Dimensions and Capability

Dimensions (L*W*H)	392mm*152mm*54mm
Max Capacity	Bundle 24 Cores; Ribbon 144 Cores
Number of Cable Entrance/Exit	2 ; 2
Diameter of Cable	Less than Φ20mm

Splice Closure

GPJ83-9B



Dimensions and Capability	
Dimensions (Height*Diameter)	500(L) *Φ171
Max Capacity	Bundle 72 Cores; Ribbon 320 Cores
Number of Cable Entrance/Exit	2 In 2 Out PLUS An Extra Window of 1 In 1 Out
Diameter of Cable	Less than Φ20 mm

GPJ83-10



Dimensions and Capability	
Dimensions (Height*Diameter)	275(L) *Φ148
Max Capacity	Bundle 12 cores
Number of Cable Entrance/Exit	2 ; 2
Diameter of Cable	Less than Φ13.6mm



Features

- Innovative pin structure makes installation finished in seconds
- Reusable brings down the maintenance cost
- Simple installation reduces the man-made operation mistake
- Good weather resistant, UV & Corrosion & Shock resistant
- Pass strict tests from labs
- Have good feedback from long-term practical application
- Require no special tools or materials for installation
- Quick and simple installation makes the operators safer on the high tower

Overview

LongXing JHKF-T series gel seal closure is a new kind of weatherproofing kit for sealing coaxial cable jumper-to-feeder, jumper-to-antenna and grounding kit connectors exposed to the outside environment. It is designed to quickly seal the antenna connectors and feeder connectors in cellular sites. This closure contains an innovative gel material and provides an efficient block against moisture & salt mist. JHKF-T series gel seal closures have pass strict tests from lab and achieve good feedback from long-term practical application. The ease of installation and reusable feature makes them a cost-effective solution.

Model	Demensions(L*W*H)	Type	Specs
JHKF-T11	198mm*88mm*55mm	In-line Transitions	Seal 1/2" jumper-to-7/8" feeder
JHKF-T12	120mm*85mm*40mm	Grounding Kit Closure	Seal grounding kit for 7/8" feeder
JHKF-T13	150mm*70mm*42mm	Antenna Transitions	Seal 1/2" jumper-to-antenna
JHKF-T14	125mm*75.5mm*54mm	Antenna Transitions	Seal 7/8" jumper-to-antenna
JHKF-T15	230mm*99mm*74mm	In-line Transitions	Seal 1/2" jumper-to-1-1/4" feeder
JHKF-T16	255mm*105mm*85mm	In-line Transitions	Seal 1/2" jumper-to-1-5/8" feeder
JHKF-T17	125mm*45mm*27mm	In-line Transitions	Seal jumper cable to antenna or RRU device in TD-SCDMA
JHKF-T18	91.2mm*22.5mm*94.4mm	Antenna Transitions	Seal 1/2" jumper-to-antenna (Shorter one)

Gel Seal Closures

JHKF-T11



Physical Specifications	
Assembly Size (L*W*H)	198mm*88mm*55mm
Inlet	1/2" jumper wire(13-17mm)
Outlet	7/8" feeder cable (27-29)
Packing Dimension	30PCS/CTN, 53.5cm*47cm*22.5cm
Packing Gross/Net Weight	10.5KGS/8.5KGS

JHKF-T12



Physical Specifications	
Assembly Size (L*W*H)	120mm*85mm*40mm
Inlet	7/8" feeder cable (27-29mm)
Outlet	7/8" feeder cable (27-29mm) & grounding wire (7-8mm)
Packing Dimension	40PCS/CTN, 47.7cm*34cm*33.5cm
Packing Gross/Net Weight	9.5KGS/7.5KGS

JHKF-T13



Physical Specifications	
Assembly Size (L*W*H)	150mm*70mm*42mm
Inlet	1/2" jumper wire (13-17mm)
Outlet	Antenna bolt
Packing Dimension	60PCS/CTN, 51cm*42cm*27cm
Packing Gross/Net Weight	10KGS/8KGS

JHKF-T14



Physical Specifications	
Assembly Size (L*W*H)	125mm*75.5mm*54mm
Inlet	Antenna bolt
Outlet	7/8" feeder cable (27-29mm)
Packing Dimension	40PCS/CTN, 47.7cm*34cm*33.5cm
Packing Gross/Net Weight	9.5KGS/7.5KGS

JHKF-T15



Physical Specifications	
Assembly Size (L*W*H)	230mm*99mm*74mm
Inlet	1/2" jumper wire (13-17mm)
Outlet	1-1/4" feeder cable (38-40mm)
Packing Dimension	20PCS/CTN, 59cm*29cm*46cm
Packing Gross/Net Weight	12KGS/9KGS

JHKF-T16



Physical Specifications	
Assembly Size (L*W*H)	225mm*105mm*85mm
Inlet	1/2" jumper cable (13-17mm)
Outlet	1-5/8" feeder cable (49.5-52mm)
Packing Dimension	20PCS/CTN, 58cm*28cm*46cm
Packing Gross/Net Weight	13KGS/10KGS

JHKF-T17



Physical Specifications	
Assembly Size (L*W*H)	125mm*45mm*27mm
Inlet	jumper cable (9.5-11mm)
Outlet	Antenna bolts or RRU bolt
Packing Dimension	60PCS/CTN, 51cm*42cm*27cm
Packing Gross/Net Weight	8KGS/6KGS

JHKF-T18



Physical Specifications	
Assembly Size (L*W*H)	91.2mm*22.5mm*94.4mm
Inlet	1/2" jumper wire (13-17mm)
Outlet	Antenna bolt
Packing Dimension	90PCS/CTN, 31cm*31cm*37.5cm
Packing Gross/Net Weight	7.5KGS/6KGS

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Factory Overview



Metal Sheet Workshop



Fiber Optic Workshop



Welding Workshop



Laser Cutting



Painting Workshop



Assembly Workshop I



Assembly Workshop II



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