

# ***Siechem***

**Wires & Cables**

Optical Fiber Accessories  
Indoor / Outdoor Cabinets



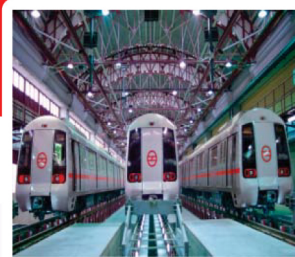
**Telecom**



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# About Siechem

Siechem established in 2002 by Mr. P. Damodaren who has an experience for more than 3 decades in Wires & Cables. Corporate office incorporating Design, Technical, IT, Finance, Commercial, SCM, Sales & Marketing in Chennai with a number of sales & marketing personnel supporting world wide customers. Manufacturing Plant in Pondicherry, India spread over 100,000 sq feet. Man Power : 800+ Production capacity: 3000 kms of wires & cables per day. In house R&D, Testing lab, Electron beam cross-linking, Compounding, Complete manufacturing from copper rod to finished cable. Siechem is constructing 500,000 sq feet factory campus about 50 kms away from Chennai Airport. The proposed wire and cable manufacturing capacity will be Million kms / Annum. This new facility also will be operational from .

The proposed plant view is as under:



## Sustained Growth

Over the last 15 years Siechem has grown to be a major player in speciality wires & cable segments like Solar, Shipbuilding, Rail coach wiring, Industrial, Aerospace, Appliance & Automotive cables with corporate customers spread across India and exports to 24 countries.

## Strength

Tailor-made Siechem ERP to support 22 million+ part-nos, drawings, production / IPQC datasheets offering greater traceability, reliable process & quality control.



### Overview

It affords the outdoor working area for the wireless or wired telecommunication equipment's, has the functions such as waterproof, burglarproof and heat radiation management. It is used in the roadside, park, roof, mountain and so on. It adopts the ground-mounted, wall-mounted and pole-mounted mode. The BTS equipments, broadband access equipments, power equipments, batteries, transfer equipments and others can be installed in the cabinet.

### Technical Specification

- Standard compliance: YD/T1537 and IEC61969

### Features

- Case material: high-quality zinc-plated steel sheet or fire-resistive sandwich panel, stainless steel
- Dust and splash proof: IP55
- Heat dissipation types: air conditioner, heat exchanger and natural aeration
- Surface treatment: outdoor electrostatic powder spray, pleasant appearance, perfect weather fastness
- Burglarproof design: three-point or four-point locked (without detachable fasteners exposed on the cabinet), with perfect burglarproof performance
- Equipment installation: accommodating 19" (IEC), 21" (ETSI) and 23" (ETSI) equipment
- Power system: DC power system, UPS and batteries
- Lightning protection power distribution: lightning arrestor and air switch
- Monitoring system: centralized monitoring functions including temperature, humidity, smog, waterlogging and access control
- Distribution system: allowing integration of the MDF, DDF and ODF modules Cabling system: separated routing for signal wire, power wire and optical fiber, convenient maintenance and
- construction

### Air Conditioner Outdoor Cabinet

The air conditioner usually applies to the scenario with a high temperature control requirement. The compressor air conditioner has a large power and applies to the temperature control with the required refrigeration output of 300 W or above; the TEC air conditioner has low refrigeration output but high power dissipation, and applies to the temperature control with the required refrigeration output lower than 300 W

### Heat Exchanger Outdoor Cabinet

It applies to the scenario that the operation temperature of the intra-cabinet equipment is higher than the ambient temperature. This temperature control mode uses the internally and externally isolated air duct and exchanges heat through the mutually isolated heat exchanger core. It effectively prevents impurities such as dust and vapor from entering the cabinet and ensures proper operation environment for the intra-cabinet equipment. Thus, it prolongs the equipment service life and improves the system operation stability

### Air Conditioner and Heat Exchanger

The air conditioner and heat exchanger integrated outdoor cabinet integrates the refrigeration system and the heat exchange system. According to alternation of the four seasons, ambient temperature changes and operation environment requirements of the equipment, it uses the intelligent management technology to automatically start the refrigerating function or heat exchange function or the both at the same time to maximize the energy saving effect. The air conditioner part adopts AC power supply to reduce the capacity of the system rectifier module. The heat exchange part uses DC power supply. After AC power supply fails, the heat exchange function can still operate independently by relying on the batteries.

### Fan Outdoor Cabinet

The fan outdoor cabinet applies to the scenario that permits the equipment operating temperature that is higher than the ambient temperature. This temperature control mode uses the fan and dust-proof screen to form an open-type ventilation system to implement heat dissipation, and features low power dissipation and low cost. The ventilation and dust-proof devices must be regularly maintained

### Wireless BTS Outdoor Cabinet

The wireless BTS outdoor cabinet provides a solution for various communication BTS's. It applies to macro BTS and distributed BTS and can satisfy normal installation and use in various conditions and environments, such as the mountain top, square, building roof, railroad side, expressway side, and a remote area that require wireless coverage. By structure, the wireless BTS outdoor cabinet can be classified into aluminium section assembled outdoor cabinet, sheet-metal welded outdoor cabinet and sheet-metal assembled outdoor cabinet

### Mini Shelter

The aluminium section assembled outdoor cabinet provides a mini shelter of high integration for the modern site, and possesses a series of strengths that cannot be provided by a traditional shelter. It has been widely applied in communication construction. This cabinet can be flexibly customized according to different application requirements, and fully meet the installation requirements of various environments. The temperature control part can use the air conditioner, heat exchanger, integrated air conditioner and heat exchanger, or fan to meet the temperature control requirement.

#### Characteristics

- Small floor area
- Temperature control by bay to save the energy by 40% to 60%
- Standardized and modular design
- Easy expansion and moving
- Integrated installation or field assembly
- Rapid installation (installation of one set requires two man-hours)

#### Technical Parameter

- Aluminium and composite sandwich panel (not thinner than 45 mm) structure for the body
- General heat transmission coefficient of the shelter smaller than 1.5 W/(m<sup>2</sup>·K)
- Ingress protection: IP55
- Flammability of all materials up to Class B2 of GB 8624-2006
- Wind resistance no less than 50 m/s
- Uniformly distributed load of top plate: 1 ~ 2.5 kN/m

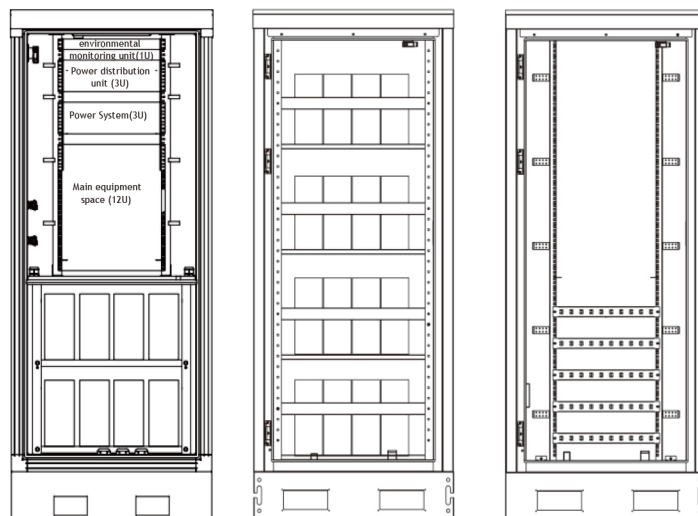
#### Models Section Guide

A: Select the bay: single-bay, double-bay and triple-bay, confirm the height

B: Select the sub-system: According to the operation requirement of the equipment, choose power, monitoring system and connectivity configuration

C: Select the temperature control unit according to the power and temperature resistance feature

- **Application 1: Single-bay**  
Single-bay cabinet type: battery cabinet, equipment cabinet and hybrid cabinet.



Hybrid Cabinet

Battery Cabinet

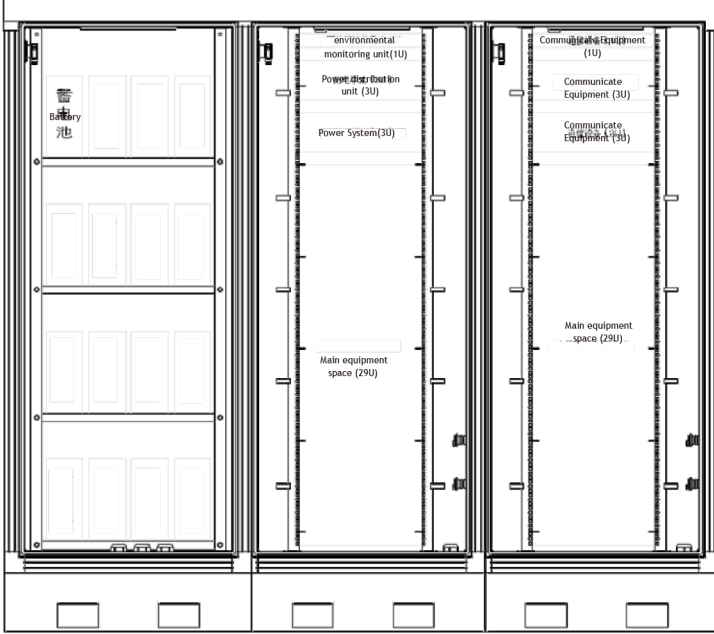
Equipment Cabinet

- **Application 2: Double-bay**  
Double-bay cabinet type: Battery + Equipment Cabinet, Hybrid + Equipment Cabinet



Double-bay Cabinet

- **Application 2: Triple-bay**  
Triple-bay cabinet type: Battery + Equipment + Equipment Cabinet



Triple-bay Cabinet

### Standard MiNi Shelter Series

Bay Type	Code	Type	Size	Net Size	Remark
			(H×W×D)mm	(H×W×D)mm	
Single-bay	FCA307000	Battery Cabinet	(2100×905×905)	(1800×800×800)	Include equipment installation rack and accessories
	FCA308000	Equipment Cabinet	(2100×905×905)	(1800×800×800)	
	FCA309000	Hybrid Cabinet	(2100×905×905)	(1800×800×800)	
	FCA310000	Battery Cabinet	(1700×905×905)	(1400×800×800)	
	FCA311000	Equipment Cabinet	(1700×905×905)	(1400×800×800)	
	FCA312000	Hybrid Cabinet	(1700×905×905)	(1400×800×800)	
Double-bay	FCA313000	Battery+ Equipment Cabinet	(2100×905×905) X 2	(1800×800×800) X 2	Include equipment installation rack and accessories
	FCA314000	Hybrid+ Equipment Cabinet	(2100×905×905) X 2	(1800×800×800) X 2	
	FCA315000	Battery+ Equipment Cabinet	(1700×905×905) X 2	(1400×800×800) X 2	
	FCA316000	Hybrid+ Equipment Cabinet	(1700×905×905) X 2	(1400×800×800) X 2	
Triple-bays	FCA317000	Battery + Equipment + Equipment Cabinet	(2100×905×905) X 3	(1800×800×800) X 3	Include equipment installation rack and accessories
	FCA318000	Battery + Equipment + Equipment Cabinet	(1700×905×905) X 3	(1400×800×800) X 3	

### Sheet-Metal Welded Outdoor Cabinet

The sheet-metal welded outdoor cabinet is designed in an overall welded structure, and can be classified into single-bay type, double-bay type and triple-bay type. The cabinet can accommodate a battery bay or an independent battery installation space, as well as the auxiliary equipment other than the main system equipment: the AC220V lightning protection power distribution module, embedded power system, environment monitoring module, and optical cable leading and optical fiber management module. In addition, the cabinet is equipped with the heat dissipation fan and the energy-saving illumination lamp for maintenance. It provides a complete terminal solution for construction of all kinds of BTS's. The cabinet employs a double-layer or single-layer structure, and its surface is sprayed with special outdoor powder. The temperature control part can use the air conditioner, heat exchanger, integrated air conditioner and heat exchanger, or fan



### Features

- Ingress protection: IP55
- Temperature control mode: fan, air conditioner, and heat exchanger
- Surface treatment: outdoor electrostatic powder spray, pleasant appearance, perfect weather fastness
- Burglarproof design: three-point or four-point locked (without detachable fasteners exposed on the cabinet), with perfect burglarproof performance
- Equipment installation: accommodating 19" (IEC) equipment and RRU module
- Power system: DC power system, UPS and batteries
- Lightning protection power distribution: lightning arrestor, air switch and leakage protection switch
- Monitoring system: centralized monitoring functions including temperature, humidity, smog, waterlogging and access control
- Distribution system: allowing integration of MDF, DDF, and ODF modules

### Product Information

No	Name	Code	Dimension	Remarks
			H x W x D (mm)	
1	Double-bay type of sheet metal welded Outdoor cabinet	453860000	1350X1300X425	With a RRU bay, a battery bay and a main equipment space (12U)
2		457220000	1600X1800X900	With a RRU bay and equipment space (25U)
3		456700000	1600X1800X900	With a RRU bay and equipment space (20U)
4		454470000	1680X1700X600	With a RRU bay, a battery bay and equipment space (25U)



### Product Show



### Sheet-Metal Welded Outdoor Cabinet (457220000)

No	Name	Code	Dimension	Remarks
1	Enclosure	475220010	1600X1800X900	Double-bay type, with a front door and a rear door.
2	LED Lamp	22000020	DC48V/3W	4/ Cabinet
3	Fan	23501040	DC48V	8/ Cabinet
4	Fan casing	40600250	120mm, Commonly used for fans	8/ Cabinet
5	Temperature controller	21300020	KSD301-3.5/10D461K10-S2	Depending on the actual need
6	19" 12-fiber optical patch panel	211108100	482.6X210X44	Depending on the actual need
7	AC power distribution unit	446730000	482X176X112	Depending on the actual need
8	Air Conditioner	23500370	AC 220V, Refrigeration output 1500W	Depending on the actual need
9	Access Control Assembly	220100280		4/ Cabinet

### Sheet-Metal Welded Outdoor Cabinet (456700000)

No	Name	Code	Dimension	Remarks
1	Enclosure	456700010	1600X1800X900	Double-bay type, with a front door and a side door
2	LED Lamp	22000020	DC48V/3W	The Quantity depends upon the actual need
3	19" 12-fiber optical patch panel	211108100	482.6X210X44	Depending on the actual need
4	AC power distribution unit	446590000	482X176X112	Depending on the actual need
5	Power supply System	211108100	-48V/90A	Depending on the actual need
6	Heat Exchanger	80200390	60W/K	Depending on the actual need
7	Fan	23600370	DC48V 120X120X38 DC48	10/ Cabinet
8	Fan casing	40600250	120mm, Commonly used for fans	10/ Cabinet
9	Temperature controller	21300020	KSD301-3.5/10D461K10-S2	

### Sheet-Metal Welded Outdoor Cabinet (454470000)

No	Name	Code	Dimension	Remarks
1	Enclosure	454470010	1600X1800X900	Double-bay type, with a front door
2	LED Lamp	22000020	DC48V/3W	2/ Cabinet
3	19" 12-fiber optical patch panel	211108100	482.6X210X44	The Model and the quantity depend upon the actual need.
4	AC power distribution unit	446590000	482X176X112	Depending on the actual need
5	Power supply System	080200390	-48V/90A	Depending on the actual need
6	Fan	23501420	DC48V 172X150X51	4/ Cabinet
7	Fan casing	40601100	150mm, Commonly used for fans	4/ Cabinet
8	Air Conditioner	21300020	KSD301-3.5/10D461K10-S2	1/ Cabinet
9	Access Control assembly	220100280		2/ Cabinet

### Ordering Information

#### Sheet-Metal Welded Outdoor Cabinet (453860000)

No	Name	Code	Dimension	Remarks
1	Enclosure	453860010	1350X1300X425	Double-bay type, with a front door
2	LED Lamp	22000020	DC48V/3W	2/ Cabinet
3	Fan	23500170	DC48V	4/ Cabinet
4	Smoke sensor	21400060	JTY-GD-01K/24V	Depending on the actual need
5	Temperature/Humidity sensor	21400100	WS302A1T4/12V	Depending on the actual need
6	Access Control	220100280		2/ cabinet
7	Cable Management Rack	230503940		Depending on the actual need
8	Fiber-round tray	230201840	GPX19-B5-01-2	Depending on the actual need
9	RJZJ-D1AA Splice tray	210302860	179.2X111.7X15	Depending on the actual need
10	Fan casing	40600250	120mm, Commonly used for fans	4/ Cabinet
11	Temperature controller	21300020	Disconnected at 25°C; started at 35°C	Depending on the actual need
12	19" environment control unit	21300350	EM80-BSF02B	Depending on the actual need
13	Power system	80200220	X023F/60A, containing three 20A modules	Depending on the actual need
14	Lightning-protection power distribution unit	453860370		Depending on the actual need
15	Battery	21900110	407X174X227 12V/100Ah	Four batteries configured for each cabinet; for the product series, see the attached table.

### Sheet-Metal Assembled Outdoor

The sheet-metal assembled outdoor cabinet uses the modular design, and the whole body is formed by manually and flexibly installing all the sheet-metal wall plates and parts. The overall strength and burglarproof performance of the cabinet are apparently superior to those of the aluminium section assembled outdoor cabinet. The sheet-metal assembled outdoor cabinet can be classified into single-bay type and double-bay type. It can accommodate a battery bay or an independent battery installation space and all the auxiliary equipment other than the main system equipment: the AC220V lightning-protection power distribution module, embedded power system, subscriber cable termination module, and the optical cable lead-in and optical fiber management module, as well as the configured heat dissipation fan and energy-saving lamp for maintenance. The cabinet provides a perfect terminal solution for the small capacity PON access service, And also can be used as base station outdoor cabinet.



551250000

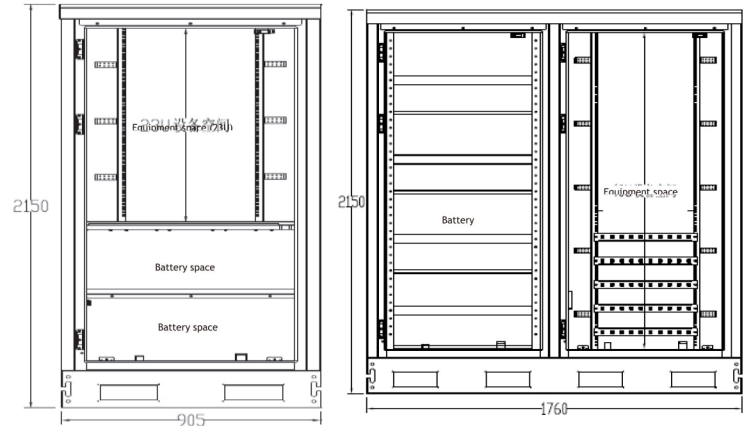


200136760

#### Features

- Enclosure material: high-quality zinc-plated steel sheet
- Ingress protection: IP55
- Temperature control mode: fan, air conditioner, and heat exchanger
- Surface treatment: outdoor electrostatic powder pray, pleasant appearance, perfect weather fastness
- Burglarproof design: three-point or four-point locked (without detachable fasteners exposed on the cabinet), with perfect burglarproof performance
- Equipment installation: accommodating 19" (IEC) equipment, BTS and RRU module
- Power system: DC power system, UPS and batteries
- Lightening protection power distribution: lightening arrestor, air switch and leakage protection switch
- Monitoring system: centralized monitoring functions including temperature, humidity, smog, waterlogging and access control
- Distribution system: allowing integration of the MDF, DDF, and ODF modules

#### Structure Drawing



551250000

200136760

#### Ordering Information

Single-bay type of sheet-metal assembled outdoor cabinet (551250000)

No	Name	Code	Dimension	Remarks
1	Enclosure	551250010	2150X905X905	
2	TEC Air Conditioner	23500910	DC 48V, refrigeration output 200W	
3	Heat Exchanger	301141670	80W/K	Generally used for AC and DC
4	Energy Saving Lamp	22000040	AC 220V/8W	As required, one out of two
5	LED Lamp	22000020	DC48V/3W	
6	Access Control assembly	220100280		

Double-bay type of sheet-metal assembled outdoor cabinet (200136760)

No	Name	Code	Dimension	Remarks
1	Enclosure	301551230	2150X1760X905	
2	TEC Air Conditioner	23500910	DC 48V 200W	
3	Heat Exchanger	301297830	190W/K	
4	Energy Saving Lamp	22000040	AC 220V/8W	As required, one out of two
5	LED Lamp	22000020	DC48V/3W	
6	Access Control assembly	220100280		2/ Cabinet
7	Water Immersion Sensor	100015300	ZYT-WT-1, 12V	
8	Smoke Sensor	100015310	JTY-GD-01K, 24V	



### Broadband Access Network Outdoor Cabinet

The broadband access network outdoor cabinet is used for the PON access end product and located at the optical cable terminal. It implements ADSL telephone and broadband network access in a residential area. The product design especially considers the technical requirements such as waterproof, dustproof, anticorrosion, and heat dissipation, and selects the hot dip galvanized sheet steel. The internal and external surfaces of the cabinet are sprayed using outdoor powder, and the adopted heat dissipation equipment is an air conditioner, fan, or heat exchanger. By the used equipment capacity in the ascending order, the cabinet can be classified into the F series. R series. S series and D series.

### F Series Outdoor Cabinet (200-800 Lines)

The F series outdoor cabinet supports wall mounting, pole mounting and ground mounting. It can accommodate all the auxiliary equipment other than the main system equipment: the AC220V lightning-protection power distribution module, embedded power system, subscriber cable termination module, and the optical cable lead-in and optical fiber management module, as well as the configured heat dissipation fan and energy-saving lamp for maintenance. The cabinet provides a perfect terminal solution for the small capacity PON access service



210700740

550790000

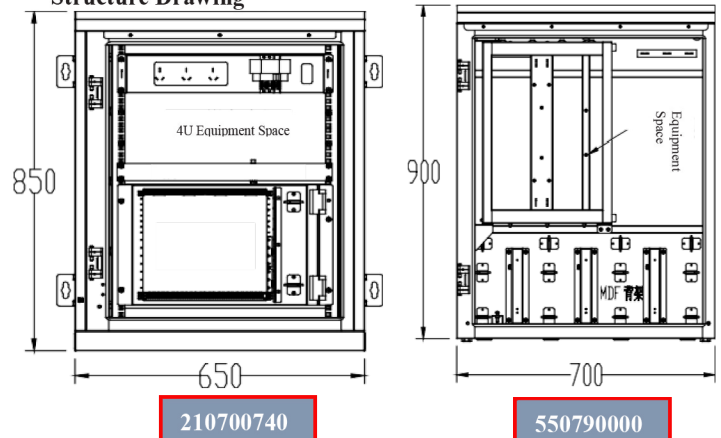
### Features

- Enclosure material: high-quality zinc-plated steel sheet
- Ingress protection: IP55
- Temperature control mode: fan, air conditioner, and heat exchanger
- Surface treatment: outdoor electrostatic powder pray, pleasant appearance, perfect weather fastness
- Burglarproof design: three-point or four-point locked (without detachable fasteners exposed on the cabinet), with perfect burglarproof performance
- Equipment installation: accommodating 19" (IEC) equipment
- Power system: DC power system, UPS and batteries
- Lightening protection power distribution: lightening arrester and air switch
- Monitoring system: centralized monitoring functions including temperature, humidity, smog, waterlogging and access control

### Product Information

No	Name	Code	Dimension	MDF Distribution capacity		Remarks
			H x W x D (mm)	Equipment Line	Subscriber Line	
1	F Series Outdoor cabinet	453500000	1150X650X350	384	400	With a battery installation space; the equipment installation space is 19" 5U
2		210700740	850X650X350	256	200	Battery space Unavailable; the equipment installation space is 19" 4U
3		550790000	900X700X230	128	200	Rotatable equipment installation rack 19" 4U

### Structure Drawing



### Ordering Information

F Series outdoor cabinet (210700740)

No	Name	Code	Dimension	Remarks
1	Enclosure	210700750	2150X1760X905	MDF Configured with 456 lines, and an equipment space of 5U
2	AC Fan	23501070	120X120X38	As required, one out of the two; 2/ Cabinet
3	DC Fan	23501040	120X120X38	As required, one out of the two
4	Energy Saving Lamp	22000040	220V/8W	As required, one out of two
5	LED Lamp	22000020	DC48V/3W	
6	Temperature controller	21300020		Depending on the actual need
7	Splice Tray	210302860		Depending on the actual need
8	Fibre around tray	230201840		Depending on the actual need
9	Protective block	210107080	FA8-199-A	8/ Cabinet in case of full configuration
10	Test Block	210107160	STO-199-A	8/ Cabinet in case of full configuration
11	Protector	210106270	FA9-199-A	200/ Cabinet in case of full configuration
12	Lightning-protection power distribution unit	301443480	Class-C lightning protection, 16A	Depending on the actual need
13	Four-outlet power block	100009470		Depending on the actual need
14	Power supply System	80200150	_48V/20A	Depending on the actual need
15	XD-B1 insertion tool	219000050		Depending on the actual need
16	19" 12-fiber optical patch panel	300024620	44X48.2X210	Depending on the actual need
17	Mounting Plate	230727350		4/ Cabinet
18	Anchor ear	300024620		2/ Cabinet

F Series outdoor cabinet (55079000)

No	Name	Code	Dimension	Remarks
1	Enclosure	550790010	900X700X230	Equipment space of 3U
2	AC Fan	23501070	120X120X38	As required, one out of the two; 2/ Cabinet
3	DC Fan	23501040	120X120X38	
4	Energy Saving Lamp	22000040	220V/8W	As required, one out of two
5	LED Lamp	22000020	DC48V/3W	
6	Temperature controller	21300020	Disconnected at 25°C; started at 35°C	Depending on the actual need
7	Splice Tray	210302860		Depending on the actual need
8	Fibre around tray	230201840		Depending on the actual need
9	Protective block	210107080	FA8-210-2	2/ Cabinet in case of full configuration
10	Test Block	210107160	STO-210-08x16B	1/ Cabinet in case of full configuration
11	Protector	210106270	FA9-210-7	200/ Cabinet in case of full configuration
12	Lightning-protection power distribution unit	301443480	Class-C lightning protection, 16A	Depending on the actual need
13	Three-outlet power block	100010830		Depending on the actual need
15	XD-B1 insertion tool	219000050	-48V/20A	Depending on the actual need
16	19" 12-fiber optical patch panel	300024620	44X482.6X210	Depending on the actual need
17	Anchor ear	300568600		2/ Cabinet
18	Six-Core adaptor mounting bar	300105590		

F Series outdoor cabinet (453500010)

No	Name	Code	Dimension	Remarks
1	Enclosure	453500010	1150X650X350	MDF configured with 784 lines, and an equipment space of 5U
2	AC Fan	23501070	120X120X38	As required, one out of the two; 2/ Cabinet
3	DC Fan	23501040	120X120X38	
4	Energy Saving Lamp	22000040	220V/8W	As required, one out of two
5	LED Lamp	22000020	DC48V/3W	
	Splice Tray	210302860		Depending on the actual need
6	Temperature controller	21300020	Disconnected at 25°C; started at 35°C	
8	Fibre around tray	230201840		Depending on the actual need
9	Protective block	210107080	FA8-199-A	16/ Cabinet in case of full configuration
10	Test Block	210107160	STO-199-A	12/ Cabinet in case of full configuration
11	Protector	210106270	FA9-199-A	400/ Cabinet in case of full configuration
12	Lightning-protection power distribution unit	220100510	Class-C lightning protection, 16A	Depending on the actual need
13	Battery	21900140	12V/40Ah 175X166X196	Depending on the actual need
14	Power Supply System	80200150	-48V/20A	Depending on the actual need
15	XD-B1 Insertion tool	219000050		Depending on the actual need
16	Mounting Plate	230727350		6/ Cabinet
17	Anchor ear	229000130		2/ Cabinet

### R Series Outdoor Cabinet (300-1500 Lines)

The R series outdoor cabinet in a single-bay structure is used to install the FTTB or FTT Cab small/medium-capacity outdoor ONU equipment in integrated PON access, and supports ground mounting or built on stilts. The main equipment is installed at the front face of the bay, and the distribution module is installed at the back of the bay. The cabinet can accommodate all the auxiliary equipment other than the main system equipment: the AC220V lightning-protection power distribution module, power supply system, batteries, subscriber cable termination module, and the optical cable lead-in and optical fiber management module, as well as the configured heat dissipation equipment, environmental monitoring equipment and energy-saving lamp for maintenance. The cabinet provides a perfect terminal solution for small/medium capacity PON access service.



200131630

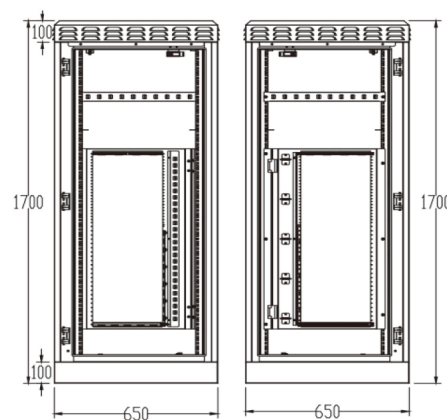
#### Features

- Enclosure material: high-quality zinc-plated steel sheet
- Ingress protection: IP55
- Temperature control mode: fan, air conditioner, and heat exchanger
- Surface treatment: outdoor electrostatic powder spray, pleasant appearance, perfect weather fastness
- Burglarproof design: three-point or four-point locked (without detachable fasteners exposed on the cabinet), with perfect burglarproof performance
- Equipment installation: accommodating 19" (IEC) equipment
- Power system: DC power system, UPS and batteries
- Lightning protection power distribution: lightning arrester and air switch Monitoring system: centralized monitoring functions including temperature, humidity, smog, waterlogging and access control
- Distribution system: allowing integration of the MDF, DDF, and ODF module

#### Product Information

No	Name	Code	Dimension	MDF Distribution Capacity		Remarks
			H x W x D (mm)	Equipment Line	Subscriber Line	
1	R Series Outdoor cabinet	458020000	1600X650X650	768	600	With a battery bay; the equipment installation space is 19" 23U
2		200131630	1700X650X350	768	600	Without Battery bay; the equipment installation space is 19" 33U

#### Structure Drawing



200131630

#### Ordering Information

R Series outdoor cabinet (200131630)

No	Name	Code	Dimension	Remarks
1	Enclosure	301473770	1700X650X650	Without battery bay; the equipment installation space is 19" 33U
2	Protective Block	300004460		24 in case of full configuration
3	Test Block	300004470		24 in case of full configuration
4	Protector	300003750		600 in case of full configuration
5	XD-B1 insertion tool	219000050		Depending on the actual need
6	General alarm	210100700		Depending on the actual need
7	Optical Patch panel	211100510		Depending on the actual need, 3sets/cabinet
8	Access Control assembly	220100280		Depending on the actual need
9	Temperature Sensors	100128360		Depending on the actual need
10	Temperature controller	213000020		Depending on the actual need
11	Water Immersion Sensor	100091380	SJ511.42WX25HX23D	Depending on the actual need
12	LED Lamp	220000020		Depending on the actual need
13	Fan	23500170	AC 220V 120X120X38	4/ Cabinet
14	Smoke Sensor	100091400	JTY-GD-T12,DC12V-24V	Depending on the actual need



### S Series Outdoor Cabinet (500-2000 Lines)

The S series outdoor ONU cabinet is used to install the FTTB or FTTCab small/medium-capacity outdoor ONU equipment in integrated PON access, and supports ground mounting or built on stilts. The equipment bay is separated from the distribution bay for the convenience of level-based maintenance. The cabinet can accommodate all the auxiliary equipment other than the main system equipment: the AC220V lightning-protection power distribution module, embedded power supply system, batteries, subscriber cable termination module, and the optical cable lead-in and fiber management module, as well as the configured heat dissipation equipment, environmental monitoring equipment and energy-saving lamp for maintenance. The cabinet provides perfect terminal solutions for small/medium-capacity PON access services



200133210

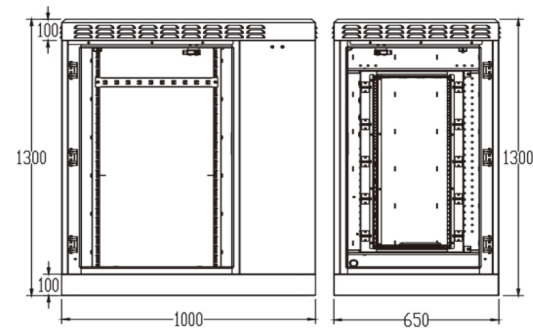
#### Features

- Enclosure material: high-quality zinc-plated steel sheet
- Ingress protection: IP55
- Temperature control mode: fan, air conditioner, and heat exchanger
- Surface treatment: outdoor electrostatic powder pray, pleasant appearance, perfect weather fastness
- Burglarproof design: three-point or four-point locked (without detachable fasteners exposed on the cabinet), with perfect burglarproof performance
- Equipment installation: accommodating 19" (IEC) equipment
- Power system: DC power system, UPS and batteries
- Lightening protection power distribution: lightening arrester and air switch
- Monitoring system: centralized monitoring functions including temperature, humidity, smog, waterlogging and access control
- Distribution system: allowing integration of the MDF, DDF, and ODF modules

#### Product Information

No	Name	Code	Dimension	MDF Distribution Capacity		Remarks
			H x W x D (mm)	Equipment Line	Subscriber Line	
1	S Series Outdoor cabinet	200133210	1300X1000X650	768	600	Without battery bay; the equipment installation space is 19" 23U
2		551050000	1300X850X850	1280	1000	Without Battery bay; the equipment installation space is 19" 23U

#### Structure Drawing



200133210

#### Ordering Information

S Series outdoor cabinet (551050000)

No	Name	Code	Dimension	Remarks
1	Enclosure	551050000	1300X850X850	Without battery bay; the equipment installation space is 19" 23U
2	Energy Saving Lamp	22000040	AC 220V/8W	Depending on the actual need, 3sets/cabinet
	LED Lamp	22000020	DC 48V	
3	Fan	23501070	AC 220V 120X120X38	4 Set/Cabinet; the quantity depends upon the actual need
	Fan	23501040	DC 220V 120X120X38	
4	Protective Block	300004460	FA8-199-A	40/ Cabinet in case of full configuration
5	Test Block	300004470	STO-199-A	40/ Cabinet in case of full configuration
6	Protector	300003750	FA9-199-A	1000/ Cabinet in case of full configuration
7	XD-B1 insertion tool	219000050		
8	General alarm	210100700	90X100X65	Depending on the actual need; 1set/cabinet
9	Lightning-protection distribution unit	210401380	3UX482X76	Depending on the actual need; 1set/cabinet
10	Optical Patch panel	211100510	1UX482X310 12 cores	Depending on the actual need, 1sets/cabinet
11	Environmental Control Unit	21300080	1U, AC Input	Depending on the actual need, 1sets/cabinet
12	Environmental Control Unit	21300090	1U, DC Input	
13	Embedded Power system	80200430	-48V/60A	Depending on the actual need, 1sets/cabinet

### D Series Outdoor Cabinet (1000-3600 Lines)

The D series outdoor cabinet is used to install the FTTB or FTTCab medium/large-capacity outdoor ONU equipment in integrated PON access. Different bays are designed for the cabinet, and functionally include the main equipment bay, battery bay and the distribution bay, where the battery bay uses an independent ventilation and heat dissipation system. The cabinet supports ground mounting or built on stilts, and can accommodate all the auxiliary equipment other than the main system equipment: the AC220V lightning-protection power distribution module, power supply system, batteries, subscriber cable termination module, and the optical cable lead-in and fiber management module, as well as the configured heat dissipation equipment, environmental monitoring equipment and energy-saving lamp for maintenance. The cabinet provides perfect terminal solutions for medium/large-capacity PON access services



200133890

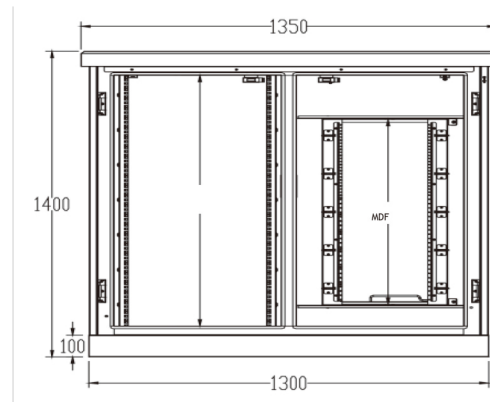
#### Features

- Enclosure material: high-quality zinc-plated steel sheet
- Ingress protection: IP55
- Temperature control mode: fan, air conditioner, and heat exchanger
- Surface treatment: outdoor electrostatic powder pray, pleasant appearance, perfect weather fastness
- Burglarproof design: three-point or four-point locked (without detachable fasteners exposed on the cabinet), with perfect burglarproof performance
- Equipment installation: accommodating 19" (IEC) equipment
- Power system: DC power system, UPS and batteries
- Lightening protection power distribution: lightening arrestor and air switch
- Monitoring system: centralized monitoring functions including temperature, humidity, smog, waterlogging and access control
- Distribution system: allowing integration of the MDF, DDF, and ODF modules

#### Product Information

No	Name	Code	Dimension H x W x D (mm)	MDF Distribution Capacity		Remarks
				Equipment Line	Subscriber Line	
1	D Series Outdoor cabinet	458050000	1700X1200X650	1280	600	With a battery bay; the equipment installation space is 19" 26U
2		200133890	1700X1300X650	1536	1200	Without Battery bay; the equipment installation space is 19" 26U

#### Structure Drawing



200133890

#### Ordering Information

D Series outdoor cabinet (200133890)

No	Name	Code	Dimension	Remarks
1	Enclosure	301510760	1400X1300X650	Without battery bay; the equipment installation space is 19" 27U
2	Protective Block	300004460	FA8-199-A	48/ Cabinet in case of full configuration
3	Test Block	300004470	STO-199-A	48/ Cabinet in case of full configuration
4	Protector	300003750	FA9-199-A	1200/ Cabinet in case of full configuration
5	XD-B1 insertion tool	219000050		
6	General alarm	210100700		
7	Access control assembly	220100280		
8	Temperature Controller	21300020		Depending on the actual need
9	Power supply system	80200480		Selected for DC type, Depending on the actual need
10	Energy Saving Lamp	22000040		Selected for AC type, Depending on the actual need
11	LED Lamp	22000020		Selected for DC type, Depending on the actual need
12	AC Fan	23500700		Selected for AC type, 4/cabinet
13	DC Fan	23501020		Selected for DC type, 4/cabinet
14	Fan Casing	40601100		4/cabinet
15	AC power distribution unit	448020000		Selected for DC type
16	DC power distribution unit	447820000		Selected for DC type
17	AC power distribution unit 1	447990000		Selected for AC type
18	AC power distribution unit 2	448020000		Selected for AC type
19	Optical Cable fixing plate	221004480		Depending on the actual need, 1sets/cabinet



### OLT Outdoor Cabinet

The OLT outdoor cabinet provides a solution for the OLT central office equipment in PON access. The common OLT outdoor cabinet is designed in a double-bay or triple-bay structure, and integrates the main equipment bay, optical cross connection part, and battery bay.

### OLT Equipment + No-Jumper Optical Cross Connection Outdoor Cabinet

The OLT equipment + no-jumper optical cross connection outdoor cabinet integrates the no-jumper optical cross connection cabinet part and meets the distribution requirement of large-capacity OLT central office.



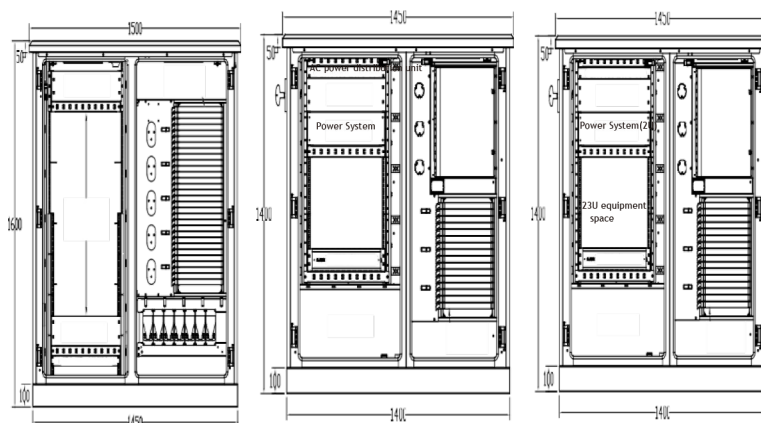
457310000

#### Features

- Enclosure material: high-quality zinc-plated steel sheet
- Ingress protection: IP55
- Temperature control mode: fan, air conditioner, and heat exchanger
- Surface treatment: outdoor electrostatic powder pray, pleasant appearance, perfect weather fastness
- Burglarproof design: three-point or four-point locked (without detachable fasteners exposed on the cabinet), with perfect burglarproof performance
- Equipment installation: accommodating 19" (IEC) equipment
- Power system: DC power system, UPS and batteries
- Lightening protection power distribution: lightening arrestor and air switch
- Monitoring system: centralized monitoring functions including temperature, humidity, smog, waterlogging and access control
- Distribution system: allowing integration of the MDF, DDF, and ODF modules

#### Product Information

No	Name	Code	Dimension	Remarks
			H x W x D (mm)	
1	OLT Outdoor cabinet	457310000	1600X1500X700	With a battery bay; the equipment installation space is 19" 20U
2		459600000	1400X1400X750	With a Battery bay; the equipment installation space is 19" 8U
3		FTA014000	1500X1450X650	With a Battery bay; the equipment installation space is 19" 23U



457310000

459600000

FTA014000

#### Ordering Information

OLT outdoor cabinet (457310000)

No	Name	Code	Dimension	Remarks
1	Enclosure	457310010	1600X1500X700	With a battery bay; installation space is 19" 20U
2	Heater Assembly	450570040	220V/500W	
3	AC power distribution unit	210401390	131.5X482X67	
4	NTM-B integrated splicing and termination module	210302590	25X361.5X260	30/ Cabinet in case of full configuration
5	Access control assembly	220100280	SS6.150.757	4/ Cabinet in case of full configuration
6	Termination cover assembly	221004890	SS6.170.240	
7	Cable fixing plate assembly	221004480	SS6.176.G43	
8	Rolling protective tube	11200041	SWB-12	
9	Single fibre splicing protective tube	11200141	φ4 X 60	
10	Temperature Controller	21300020	KSD301-3.5/10D461K10-S2	
11	Temperature Controller	21300050	KSD301-1.5/10D46 X 2	
12	Embedded Power system	80200130	Netsure211 C46	
13	LED Lamp	22000020	DC48V 3W	4/ Cabinet
14	Smoke Sensor	21400060	JTY-GD-01K 24V	
15	Water Immersion sensor	21400190	SJ516C, 24V	
16	Temperature/humidity sensor	21400100	WS302A1T4 12v	
17	DC Fan	23501040	120X120X38 DC48V	6/ Cabinet
18	19" 12-fiber optical patch panel	211108100	482.6X210X44	
19	FC Parking area	230206750		8/ Cabinet in case of full configuration

### Ordering Information

OLT outdoor cabinet (459600000)

No	Name	Code	Dimension	Remarks
1	Enclosure	459600000	1400X1400X750	With a battery bay; installation space is 19" 8U
2	NTM-B integrated splicing and termination module	210302590	25X361.5X260	16/ Cabinet in case of full configuration
3	Access control assembly	220100280	SS6.150.757	2/ Cabinet
4	Socket	20700790	AC 230V, 32A, 3P	
5	LED Lamp	22000020	DC48V 3W	2/ Cabinet
6	Smoke Sensor	21400060	JTY-GD-01K 24V	
7	Water Immersion sensor	21400190	SJ516C, 24V	
8	Temperature/humidity sensor	21400100	WS302A1T4 12V	
9	19-inch environment Control Unit	21300090	NEM500 1U DC48V	
10	Battery	21900230	12V/150AH 485X170X242	
11	Embedded Power system	80200770	130X482.6X255 30AX3	
12	Integrated air conditioner and heat exchanger	80600020	HC 1508 1001X561X200	
13	AC power distribution unit	449640000	482X131.5X102	
14	2U cable manager	455331180		
15	Termination Unit	459600600		

OLT outdoor cabinet (FTA014000)

No	Name	Code	Dimension	Remarks
1	Enclosure	FTA014001	1500X1450X650	With a battery bay; installation space is 19" 20U
2	FC/PC Adapter	300226270		
3	NTM-B integrated splicing and termination module	300940280	25X361.5X265	30/ Cabinet in case of full configuration
4	Rolling Protective tube	100003651	SWB-12	
5	Single fibre splicing Protective tube	100003731	φ4 X 60	
6	Temperature controller	100015020	KSD301-3.5/10D461K10-S2	
7	Access control assembly	300036620	SS6.150.757	
8	19-inch environmental monitoring Unit	100091350	DC48V 482.6X122X43.6	
9	Temperature sensor	100091360	W320A1T4 DC12V-24V	
10	Water Immersion sensor	100091380	Sj511 42Wx25x23D	
11	Smoke Sensor	100091400	JTY-GD-T12 DC 12V-24V	
12	LED Lamp	100016660	DC48V 3W	3/ Cabinet
13	Heat Exchanger	100021010	100W/K 1050Lx450Wx150H	
14	DC fan	100137480	DC48V 120x120v38	2/ Cabinet
15	Embedded Power system	100166510	20Ax2	
16	Protective connector for stripping fiber	300070560		
17	FC parking area	300106670		
18	Lightning-protection power distribution unit assembly	301611250		

### Integrated products of Outdoor Cabinet

Integrated products of outdoor cabinet refer to five main systems configured for outdoor cabinet: the temperature control system, monitoring system, power supply system, power distribution system, and wire distribution system.

### Temperature Control Unit

The temperature control system comprises the air conditioner, heat exchanger, integrated air conditioner and heat exchanger, and the fan.

### Air Conditioner Series



Compressor Air Conditioner

No.	Code	Model	Dimension/mm (HxWxD)	Refrigeration Output (W)	Power range	Heating capacity	Installation Mode
1	100020720	EC 03	472.5 X 354 X200	300	AC220V	400	Side Mounting
2	100175510	EC 06	550 X 320 X170	600	AC220V	500	Door mounting
3	100128470	EC 08	750 X 430 X195	800	AC220V	500	Door mounting
4	100020340	EC 10	1100 X 430 X195	1000	AC220V	1000	Door mounting
5	100020490	EC 15	1100 X 430 X195	1500	AC220V	1000	Door mounting
6	100020980	EC 20	1112 X 412 X200	2000	AC220V	1000	Door mounting
7	100175530	EC 30	1295 X 600 X220	3000	AC220V	1000	Door mounting
8	100020440	EC 10	1130 X 460 X195	1000	AC220V	1000	Side Mounting
9	100020500	EC 15	1130 X 460 X195	1500	AC220V	1000	Side Mounting
10	100020910	EC 40	1400 X 671 X350	4000	AC220V	1000	Side Mounting
11	91090011	DC05HDNC1 A	583 X 352 X170	500	DC48V	500	Door mounting
12	91090012	DC10HDNC1 C	783 X 483 X200	1000	DC48V	1000	Door mounting
13	91090008	DC15HDNC1 A	1170 X 470 X170	1500	DC48V	1500	Door mounting
14	91090018	DC20HDNC1 A	1170 X 470 X170	2000	DC48V	2000	Door mounting

### Heat Exchanger Series



No.	Code	Model	Dimension/mm (HxWxD)	Heat Exchange (W/K)	Heater	Power range	Installation Mode	Cold Start
1	100136501	HEX03	730 X 430 X145.5	30	None	AC220V	Door mounting	No
2	100167770	HEX06	850 X 450 X142	60	None	DC48V	Door mounting	No
3	301559720	HEX080-D0	988 X 386 X147	80	None	DC48V	Door mounting	No
4	301141670	HEX080-D1	988X 386 X147	80	1000W	AC/DC	Door mounting	No
5	301559710	HEX080-D2	988 X 386 X147	80	1000W	AC/DC	Door mounting	Yes
6	100021130	HEX10	1050X 450 X150	100	800W	AC220V	Door mounting	Yes
7	100021050	HEX12	1100X 430 X195	120	None	DC48V	Door mounting	No
8	301559740	HEX190-D0	1295 X 561 X246	190	None	DC48V	Door mounting	No
9	301297830	HEX190-D1	1295 X 561 X246	190	1000W	AC/DC	Door mounting	No
10	301559730	HEX190-D2	1295 X 561 X246	190	1000W	AC/DC	Door mounting	Yes
11	301559750	HEX200-D0	1295 X 561 X246	200	None	DC48V	Door mounting	No
12	301559760	HEX200-D1	1295 X 561 X246	200	1000W	AC/DC	Door mounting	No
13	301559770	HEX200-D2	1295 X 561 X246	200	1000W	AC/DC	Door mounting	Yes

### Fan Series



No.	Code	Dimension/mm (HxWxD)	Rated Voltage/V	Rated Power/W	Maximum Air Output	Noise/dBA	Rotation Ratio
1	23501020	172 X 150 X51	DC48V	15	220 m/CFM	47.4	2800 RPM
2	23501420	172 X 150 X51	DC48V	15	220 m/CFM	50	2900 RPM
3	23500700	172 X 150 X51	AC220V	15	226 m/CFM	50	2900 RPM
4	23501040	120 X 120 X38	DC48V	18	119 m/CFM	45	2500 RPM
5	23501070	120 X 120 X38	AC220V	19	108 m/CFM	45	2580 RPM
6	23500330	80 X 80 X25	DC48V	10	42 m/CFM	36	2500 RPM
7	23500130	92 X 92 X25	AC220V	13	34 m/CFM	38	2500 RPM

### Flexible Cable Assembly

#### Ultra Flexible Patchcords and Pigtaills

- Fits FTTX
- Small radius storage
- Min. bending radius of 7.5mm can be achieved
- Easy to coil small radius just like power cord



Item	Singlemode UPC	Singlemode APC	Multimode
Insertion Loss	≤0.7dB(typical)	≤0.7dB(typical)	≤0.8dB(typical)
Return Loss	≥50dB	≥60dB	≥25dB
Durability	Min 500 mate times		
Operating Temperature	-40 C to +85 C		
Cord length	Customized		

### Loopback Patch Cord

Loopback patch cord provides a media of return path for a signal testing purpose or network restoration. In the case of testing, the loopback signal is used for diagnosing a problem. Sending a loopback test to a network equipment, one at a time, is a technique for isolating a problem. Its performance is as good as that of a general patch cord.



#### Ordering Information

Part Numbers	Connector fiber	Fiber Type
GLP01001	SC/UPC	singlemode
GLP01002	SC/APC	singlemode
GLP01003	SC/UPC	multimode
GLP01004	LC/UPC	singlemode
GLP01005	LC/APC	singlemode
GLP01006	LC/UPC	multimode
GLP01007	MTRJ	singlemode
GLP01008	MTRJ	multimode

For drawings, technical data's or samples configuration other than stated above, please feel free to contact us.

### Fibre Cable Bundle

Siechem fiber cable bundle is designed for data center and FTTH applications, it owns perfect fan-out design, guarantee the mechanical, environmental and optical performance. Usually it's can be used with Siechem system modules, it is easy to install, only spent time on connector plug in. Fibers of the bundle from 4 to 144 cores of the backbone cable, ends of the use of connectors can be MPO, LC, duplex LC, SC, duplex SC. Siechem OM3 fiber cable bundle is widely used in data center. The fiber of bundle also can be single module fiber, just as G652, G657, it can be customized. Siechem provide three kinds of cable trunk, Bundle Cable, Zipper Tubing and Expando.

#### Features

- Connecting ends comply with GR-326
- Fibers of bundle from 4 to 144 cores
- Distribution work can be completed in an optical distribution frame
- Low insertion loss
- Outstanding repeatability and predictability
- Terminated connectors with various types (FC, SC, ST, LC, MU, etc..) are available

#### Applications

- Data Centre
- FTTx
- Broadband Network



#### Performance

Performance		OM3	Singlemode
Insertion Loss IL(dB)	Typical	≤0.20	≤0.20
	Max.	≤0.25	≤0.30
Return Loss (dB)		≥25	≥50
Durability(dB)		≤0.2/500 times	≤0.2/500 times
Tensile Force (N)	Short time	≥70	≥70
Operating Temperature(°C)		-40~+85	-40~+85

#### Ordering Information

Fiber type	Length	L1 End Connector	L1 End Connector	Bundle
OM3		MPO	MPO	Bundle Cable
OM4	L(L1:L2)	MTP	MTP	
G652	L:Total Length	SC/UPC	SC/UPC	Zipper Tubing
G655	L1:Fan out length	SC/APC	SC/APC	Expando
G657a	L2:Fan out Length	LC/UPC	LC/UPC	
G657b		LC/APC	LC/APC	



### Power Supply System

### Power System Unit Series



No.	Code	Specifications	Input Voltage Range	Rated Output Voltage	Rated Output Current	Dimension
1	80200230	-48V/40A	150 ~ 285Vac	-43V DC ~ -57.6V DC	20A (20A*2)	19 inches, 2U high
2	80200320	-48V/60A			30A (30A*2)	19 inches, 2U high
3	80200210	-48V/90A			30A (30A*3)	19 inches, 2U high
4	100148730	-48V/120A			30A (30A*4)	19 inches, 6U high
5	100148720	-48V/150A			50A (50A*3)	19 inches, 6U high
6	100124141	-48V/200A			50A (50A*4)	19 inches, 6U high
7	100142490	-48V/200A			RS48-2900U*4	19 inches, 6U high
8	100142500	-48V/300A			RS48-2900U*5	19 inches, 9U high
9	100110871	-48V/300A			50A*6	19 inches, 11U high

### Battery Series



No.	Code	Specifications	Rated Voltage (V)	External Dimension	Weight (Kg)
				LxWxH (mm)	
1	21900160	12V/40Ah	12	195 X 167 X170	12
2	21900170	12V/50Ah	12	257 X 132 X200	16.5
3	21900180	12V/65Ah	12	348 X 167 X178	21
4	21900180	12V/80Ah	12	259 X 168 X214	23
5	21900200	12V/90Ah	12	330 X 173 X220	31
6	21900210	12V/100Ah	12	330 X 173 X220	35
7	21900220	12V/120Ah	12	410 X 177 X225	40
8	21900230	12V/150Ah	12	485 X 170 X242	45
9	21900240	12V/200Ah	12	522 X 240 X224	55

### UPS Series



No.	Specifications	Input Voltage Range	Rated Output Voltage	Max. Output Load	External Dimension	Weight (Kg)
					LxWxH (mm)	
1	1000VA	150 ~ 300Vac	150 ~ 300Vac	800W	145 X 220 X355	< 12
2	2000VA			1600W	190 X 318 X383	< 23
3	3000VA			2400W	190 X 318 X383	< 31

### Power Distribution System

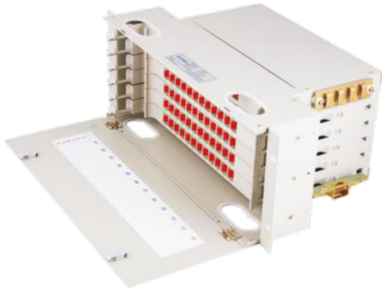
### Power Distribution Unit Series

No.	Name	Code	Installation Size	General Switch	Max Tributaries	Lightening Arrester	Sockets
1	AC Power Distribution	SS3.622.087	19" 3U	One AC channel	7	1	0
2		SS3.622.088	19" 3U	None	7	1	
3		SS3.622.089	19" 3U	One AC channel	5	1	1
4		SS3.622.090	19" 3U	None	5	1	
5	AC/DC Power Distribution	SS3.622.083	19" 4U	One AC channel and one DC channel	8	1	0
6		SS3.622.084	19" 4U	One AC channel	10	1	
7		SS3.622.085	19" 4U	One AC channel and one DC channel	6	1	1
8		SS3.622.086	19" 4U	One AC channel	7	1	
9	Automatic Switching between two power supplies	SS3.622.091	19" 4U	Two AC channel	8	1	0
10	Manual Switching between two power supplies	SS3.622.094	19" 4U	Two AC channel	6	1	0



### Connectivity System

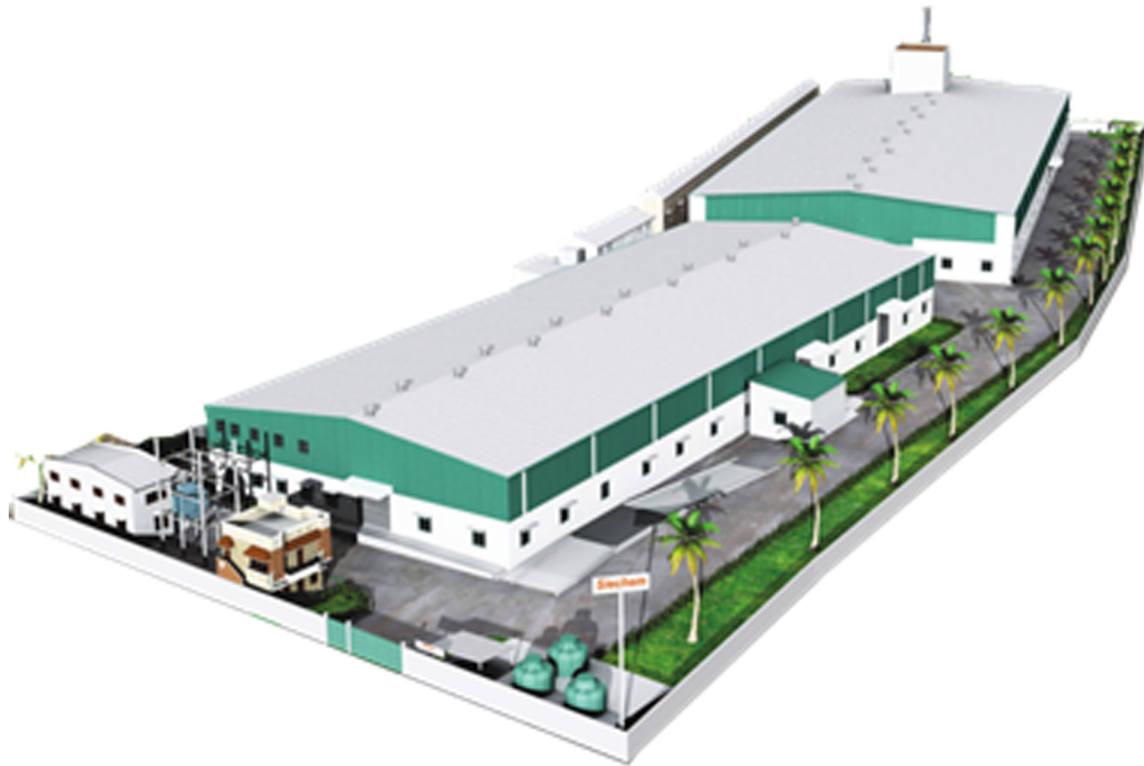
### ODF Series



No	Code	Name	Mode	Max Capacity		External Dimension HxWxD (mm)	Configuration	Operational Mode	Remark
				Splicing	Termination				
1	300014150	F218E splicing & termination unit	F218E - 12	12	12	1U X 482 X270	NTM-A1 integrated splicing and termination module, JXP-F termination module and RJ-CA splicing module (configurable)	Front operation, cable fixed on the back	19"/21" mounting; distance from the mounting ear plate to the front door: 30/0 mm; cable can be led in on the left or right side
2	300013920	F218D splicing & termination unit	F218D - 12	12	12	1U X 482 X270	NTM-B1 integrated splicing and termination module, JXP-G termination module and RJ-CA splicing module (configurable)		
3	211108060	GC-BS-P Optical Patch panel	GC-BS-P1ST	12	12	43.6 X 482.6 X210	ST Adaptor	19" Installation	
4	211108020		GC-BS-P1SC	12	12	43.6 X 482.6 X210	SC Adaptor		
5	211108100		GC-BS-P1FC	12	12	43.6 X 482.6 X210	FC Adaptor		
6	211108070		GC-BS-P2ST	24	24	43.6 X 482.6 X210	St Adaptor		
7	211108030		GC-BS-P2SC	24	24	43.6 X 482.6 X210	SC Adaptor		
8	211108110		GC-BS-P2FC	24	24	43.6 X 482.6 X210	FC Adaptor		

### DDF Series

No	Code	Name	Mode	External Dimension	Configuration Capacity	Remark
				H x W x D (mm)		
1	210202270	DDF Unit	SM 19E	130 X 482 X73.5	20 System	Rotatable; 19" Installation
2	210202290		SM 19F	144 X 482 X73.5	21 System	
3	210202330		SM 19G	130 X 482 X73.5	16 System	
4	210202350		SM 19H	75 X 482 X73.5	10 System	
5	210202370		SM 19J	75 X 482 X73.5	8 System	



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Approvals & Licenses											
ISO 9001	ISO 14001	IATF 16949	OHSAS 18001	AS 9100	ISO 45001	UL	cRU	RU	CE	TUV	ROSO
RoHS Register	ESMA	INQ Indian Ministry	CE	REACH	RoHS	IRS	ISIRI	ISIRI	ISIRI	DGQA	

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