ODN COMPONENTS

INTRODUCTION

ACCESSORIES

EQUIPMENT

CERTIFICATE

TONGDING TIMELINE
















October 2001

Company begins manufacturing optical fiber cables and changes name to Jiangsu Tongding Optic-Electronic Co., Ltd “Tongding”

June 1999

Wujiang Shenxin Cable Co. Ltd is incorporated, company focused on Telecommunication copper cable

March 2004

Tongding expands is fiber optic cable production capacity to 25 million km

June 2006

Tongding starts railway signal cable production

December 2008

Tongding opens optical fiber production facility with an annual capacity of 7 million km of fiber

June 2009

Tongding engages in RF and Leaky Coaxial Cable production

October 2010

Tongding opens FTTH production facility with an annual capacity of 1.4 million fiber-km

October 2010

Jiangsu Tongding Optic-Electronic Co., Ltd is listed on the Shenzhen Stock Exchange

September 2011

Jiangsu Tongding Broadband Co., Ltd., a company for manufacturing Optical Network Distribution products is established

October 2011

Tongding Preform Technology Co., Ltd., company for optical preform manufacturing is incorporated

July 2013

Tongding expands its optical fiber and fiber optic cable annual production capacity to 30 million km and 1.4 million km respectively

October 2014

Tongding signs a cooperation agreement with Corning

December 2014

Cable subsidiary name is changed to Tongding Interconnection Information Co., Ltd.

December 2015

Tongding establishes presence in global markets

October 2016

Tdii made "Power cable Phase II Expansion Project" foundation, further expands the copper cable transmission product line.

July 2017

Intelligent transformation project started, and gradually transformed from intelligent production line to intelligent workshop, and even to intelligent factory.

Company Profile

Tongding Group is one of the world's largest communication cable manufacturers. Incorporated in the Chinese industrial city of Suzhou, the company engages in manufacturing fiber optic cable, ODN components and copper cable.

As a publicly listed company, Tongding has succeeded through constant business expansion throughout the communication cable chain. The company has over 13,000 employees and 1.4 million square meters of production facilities.

Tongding constantly pursues standing at the forefront of the communication industry through its R&D center and strategic partnerships with over 15 leading universities.

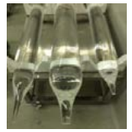
Production Base

As a leading cable manufacturer, Tongding Group supplies its products to all regions of the world establishing presence in more countries each year. Its clients include state governments, telecommunication companies, CATV companies, oil & gas companies, state military, electric companies and railway companies.

At Tongding, production is done in one single factory from start to finish. This allows the company to monitor and assess quality throughout the whole production process. Tongding produces fiber optic cable, copper cable and ODN components that meet with customers' requirements and provide supreme performance.

Tongding products comply with international standards which include RoHS, ISO, ITU, IEC and UL.

FIBER OPTIC ANNUAL PRODUCTION CAPACITY

Fiber Preform	Optical Fiber	Outdoor FO Cable	FTTH Cable
			
800 tons	45 million fiber-km	36 million fiber-km	2 million fiber-km

COPPER CABLE ANNUAL PRODUCTION CAPACITY

Power Cable	Telephone Cable & LAN Cable	RF Coaxial Cable	Railway Signal Cable
			
400,000 km	8.8 million pair-km & 2.6 million boxes	150,000 km	30,000 km

ODN PRODUCTS ANNUAL PRODUCTION CAPACITY

PLC Splitter	Patch cord & Pigtail	OCC	Cabinet
			
7 million pcs	70 million pcs	111 thousand pcs	1 million pcs

ODN Products

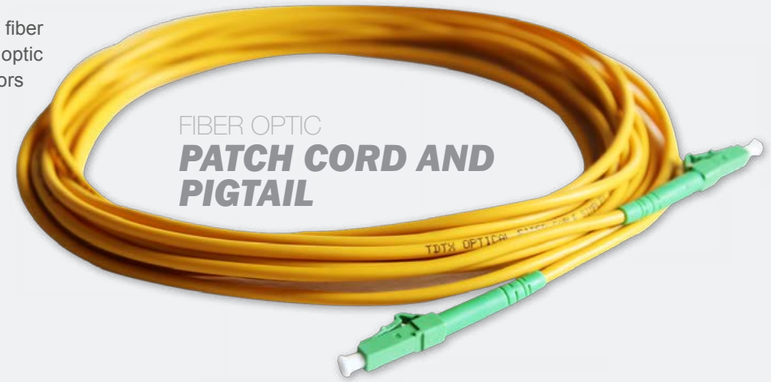
Tongding Group has factory specialized in manufacturing Optic Distribution Network (ODN) products, which include optical distribution frame (ODF), optical cross-connection cabinet (OCC), other cabinets, PLC splitter, optical splice closures, patch cord / pigtail, connector and other components. The company's high quality products provide excellent integrated FTTx solution for its clients.

- ▶ Number of employee: 1000
- ▶ ODF – 56 thousand PCS/Year
- ▶ OCC – 111 thousand PCS/Year
- ▶ Cabinet – 1 million PCS/Year
- ▶ PLC Splitter – 7 million pcs/year
- ▶ Patch cord/Pigtail – 70 million pcs/year

Central Office	Branch Point	The User
	 	 

ACCESSORIES

Fiber optic patch cord is also known as fiber optic jumper. It is composed of a fiber optic cable terminated with different connectors on the ends. For the fiber patch cables, there are two major application areas which are computer work station to outlet and fiber optic patch panels or optical cross connect distribution center.



- Low insertion loss
- High return loss
- Low concentricity
- Good repeatability
- Stable in interfix
- Easy and quick installation

Application

FC/SC/ST/LC/E2000 etc.
Simplex/duplex
Singlemode/multimode
PC/UPC/APC polishing ceramic ferrule
PVC/LSZH coating sheet
φ0.9/2.0/3.0mm fiber cable

Parameter	Unit	Fiber Optic Patch Cord		
		SM		MM
		UPC	APC	UPC
Insertion Loss	dB	≤0.2	≤0.3	≤0.2
Return Loss	dB	≥50	≥60	≥35
Exchangeability	dB	≤0.2		
Mechanical Endurance	dB	≤0.2		
Vibration	dB	≤0.2		
Operation Temperature	℃	-40℃ ~+75℃		
Storage Temperature	℃	-45℃ ~+85℃		


SC/UPC

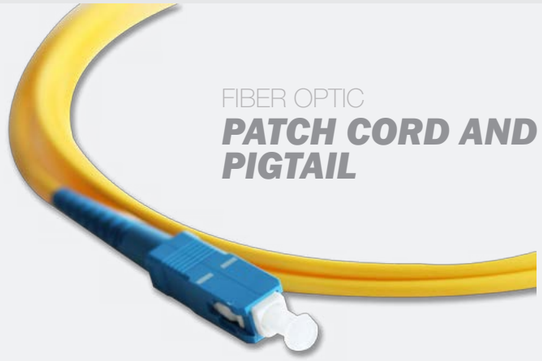

FC/UPC


LC/UPC


SC/APC


FC/APC


LC/APC



FIBER OPTIC

PATCH CORD AND PIGTAIL

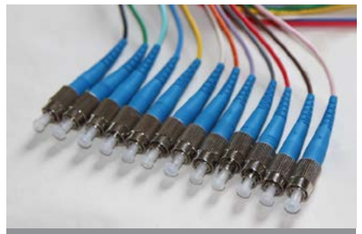
Parameter	Unit	Fiber Optic Patch Cord		
		SM		MM
		UPC	APC	UPC
Insertion Loss	dB	≤0.2	≤0.3	≤0.2
Return Loss	dB	≥50	≥60	≥35
Exchangeability	dB	≤0.2		
Mechanical Endurance	dB	≤0.2		
Vibration	dB	≤0.2		
Operation Temperature	℃	-40℃ ~+75℃		
Storage Temperature	℃	-45℃ ~+85℃		

Fiber pigtail cables provide a fast way to make factory terminations in the field. Factory terminated pigtails can easily be fusion or mechanically spliced to an existing fiber line.

- Low insertion loss
- High return loss
- Low concentricity
- Good repeatability
- Stable in interfix
- Easy and quick installation

Application

All Specifications for FC/SC/ST/LC/E2000 etc.
Simplex/duplex
Singlemode/multimode
PC/UPC/APC polishing ceramic ferrule
PVC/LSZH coating sheet
φ0.9/2.0/3.0mm fiber cable

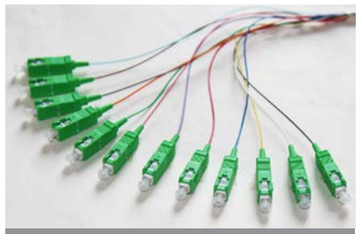


FC/UPC 12-core Fan-out Singlemode Bunchy Pigtail

Fan-out ribbon pigtail is used to terminate optical fiber cable in ribbon form. It provides a fast way to make factory terminations in the field. Factory terminated pigtails can easily be fusion or mechanically spliced to an existing fiber line.

Feature

Fiber termination
Fast and easy to application



SC/APC 12-core Fan-out Singlemode Ribbon Pigtail

- Various connector types are available
- Low insertion loss
- High return loss
- Available fiber cable diameter range: Φ0.9mm, Φ2.0mm, Φ3.0mm

SC/UPC 12-core Fan-out Singlemode Branch Pigtail

Application

CATV
FTTH
Network
Testing equipment
Telecommunications
High speed transmission system

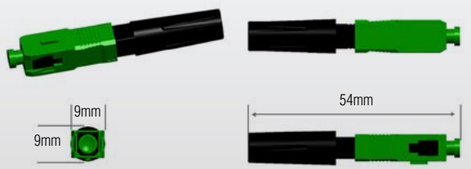
FIBER OPTIC

FIELD ASSEMBLY CONNECTOR

Field assembly connector is the most widely used fiber optic connector in FTTx that does not need epoxy or polishing. It enables fast and spot installation of 2.0mm x 3.0mm cable type connectors even when the installer has no access to power on-site. Two or three pieces of the pre-assembled and factory terminated connectors can be installed within 2 minutes by using simple tools and they can be reused several times.

-Groove Type:
V-Groove
- Fiber type
SM : Standard Single Mode
- Ferrule Polishing Type
APC Type : Angled Physical Contact
- Connector Type for Adapted Cable
2.0mm X 3.0mm (Flat) Type : All-in-One [2pcs parts]

SC / APC



Product Specifications	
Item	**Specification**
Insertion Loss	Typ. 0.3dB / Max. 0.5dB
Return Loss	Typ.55dB / Max. 60dB
Endurance	500 times reconnection / ≤ 0.5dB
Tension	2.0mm X 3.0mm 3.0kg / ≤ 0.2dB change
Temperature Change	21 times / -40°C ~ +75°C / ≤ 0.3dB change
End Face Geometry	APC type
Ferrule End-face Radius (mm)	5~12
Fiber Undercut (nm)	Less than 100
Fiber Protrusion (nm)	Less than 100
Apex Offset (μm)	Less than 50

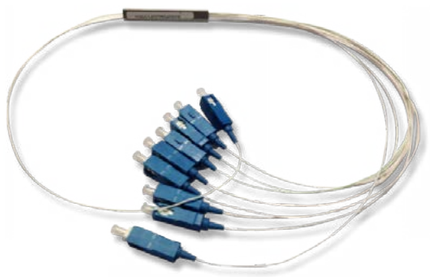
Fiber Optic PLC Splitter

FIBER OPTIC
PLC SPLITTER

PLC (Planar Lightwave Circuit) splitters are used to distribute or combine optical signals. It is based on planar lightwave circuit technology and provides a low cost light distribution solution with small form factor and high reliability.

Fiber optical splitter is used to split the fiber optic light into several parts at a certain ratio. The fiber optic splitter is an important passive component used in PON FTTX networks. There are mainly two kinds of passive FTTH optical splitters: one is the traditional fused type splitter as known as FBT coupler or FBT WDM optical splitter, which features competitive price; the other is the PLC splitter based on the PLC (Planar Lightwave Circuit) technology, which has a compact size and suits for density applications.

Micro-encapsulated type PLC splitter



Input port	1 or 2			
Output port	2	4	8	16
Dimension(mm)	50*4*4	50*7*4	60*7*4	60*12*4
Housing material	Nickel amd copper alloy			
Connector type	SC/FC/ST/LC with PC/UPC/APC			
Port fonfiguration	φ0.9mm loose tube pigtails			

Insertion type PLC splitter

Input port	1 or 2					
Output port	2	4	8	16	32	64
Dimension (mm)	130*100*25			130*100*50	130*100*100	130*100*200
Housing material	Plastic (gray)					
Connector type	SC/LC					

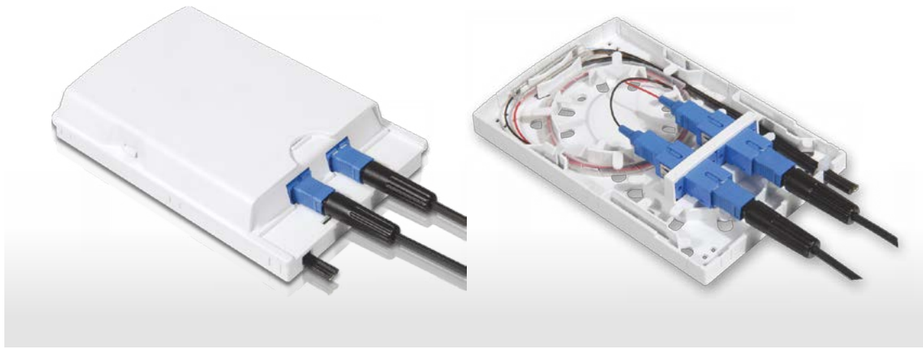
EQUIPMENT

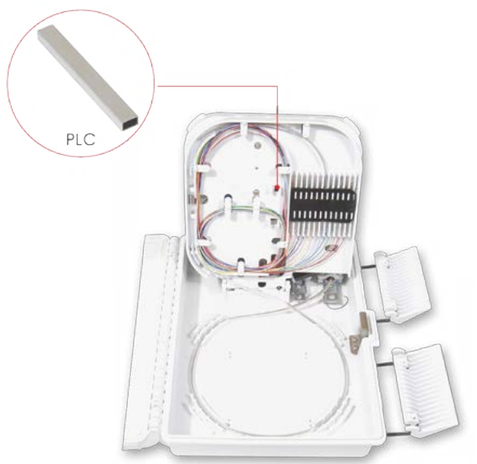
Fiber Optic

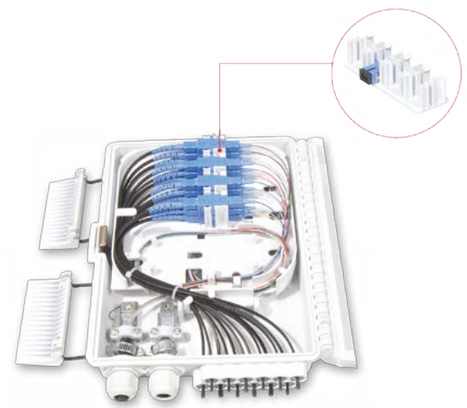
PLASTIC TERMINAL BOX(FTB)

Plastic Fiber Optic Terminal Box is used in the end termination of residential buildings and villas, to fix and splice with pigtails.

- Light weight, small size, and easy installation
- Made of engineer plastic, it is of nice shape
- Suitable for SC, FC or ST, duplex LC adapter
- Easy close and open without need of any screws and tools
- Indoor/outdoor wall mounting
- IP grade IP65







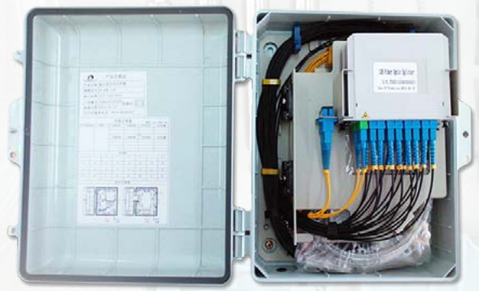
Model	Size (L*W*H)	Max capacity
Model: TD-FTB-2A	167*102*31mm	2 core/SC, 4 core/LC, 4 core/PLC
Model: TD-FTB-2B	150*120*37mm	2 core/SC, 4 core/LC
Model: TD-FTB-2C	86*86*24mm	2 core/SC, 4 core/LC
Model: TD-FTB-2H	130*84*24mm	2 core/SC or 4 core/LC
Model: TD-FTB-4A	186*116*40mm	4 core/SC, 8 core/LC, 4/8 core/PLC
Model: TD-FTB-4B	191*120*44mm	4 core/SC, 8 core/LC, 4/8 core/PLC
Model: TD-FTB-4C	149*110*33mm	4 core/SC, 8 core/LC
Model: TD-FTB-6A	172*136*40mm	6 core/SC, 12 core/LC
Model: TD-FTB-8A	213*163*47mm	8 core/SC, 16 core/LC, 8/16 core/PLC
Model: TD-FTB-8B	250*190*39mm	8 core/SC, 16 core/LC, 8/16 core/PLC
Model: TD-FTB-12D	250*190*39mm	12 core/SC, 24 core/LC, 8/16 core/PLC

Fiber Optic Distribution and Splitting Box (ODB)

Optic fiber boxes is configured with PLC splitter to a terminal access links FTTH access system. It is especially for connecting and protection for fiber cable of FTTH. This terminal box applies to the communications room and various network room with wall or desktop installation.

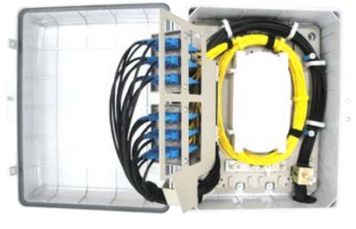
- PC+ABS or metal box material applied, corrosion proof, aging resistance
- Four bump hole position design for easy installation
- By pass cabling design, more fusion splice trays and cable fixtures can be installed
- Two-tier structure, the upper splitting and the lower splicing layer

Fiber Optic
Distribution and Splitting Box(ODB)



Optic Distribution Box

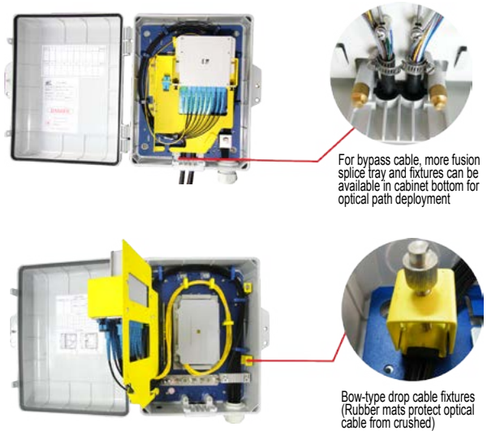
COMPOUND MATERIAL



Model	Dimension (H*W*D)(mm)	Max capacity	Indoor/ outdoor	Installation method
GF15FS-12	340*265*120	12 core	Indoor	Aerial/wall mounted
GF25FS-12	340*265*120	12 core	Outdoor	
GF15FS-36	420*320*125	36 core	Indoor	
GF25FS-36	420*320*125	36 core	Outdoor	

Optic Splitting and Distribution Box

COMPOUND MATERIAL



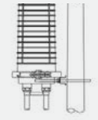
Model	Dimension (H*W*D)(mm)	Splitting slot	Indoor/ outdoor	Installation method
GF15F-16	340*265*120	2 slots	Indoor	Aerial/wall mounted
GF25F-16	340*265*120	2slots	Outdoor	
GF15F-32	420*320*125	4 slots	Indoor	
GF25F-32	420*320*125	4 slots	Outdoor	

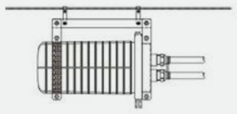
Fiber Optic Splice Closure

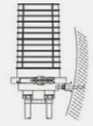
Fiber Optic Splice Closure is a fiber management product typically used with outdoor fiber optical cables. It provides space and protection for the fiber optic cable splicing and joint.

There are two types of fiber splice closures which are the horizontal (inline) type and the vertical (dome) type. Both are made of excellent engineering plastics to be waterproof and dust proof, and it is suitable for protecting optical fiber splices in straight through and branching applications, with aerial, duct and direct buried fiber optic cable projects.

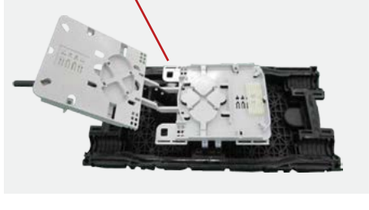
- Suitable for ordinary fiber and ribbon fiber.
- Fully kitted with all parts for convenient operation.
- Overlap structure in splicing tray for easy installation.
- Easy to install and re-entry with a common can wrench.
- Excellent mechanical sealed to protect fiber and splice ensuring durability.
- Stand up to severe condition of moisture, vibration and extreme temperatures.


Pole-mounting


Aerial


Pile-line,well

Fiber Optic
SPLICE CLOSURE



MECHANICAL SEALING

Vertical Type 2-in-2-out

MECHANICAL SEALING

Vertical Type 3-in-3-out

MECHANICAL SEALING

Vertical Type 1-in-4-out

MECHANICAL SEALING

Horizontal Type 2-in-2-out

MECHANICAL SEALING

Horizontal Type for high fiber count, 2-in-2-out

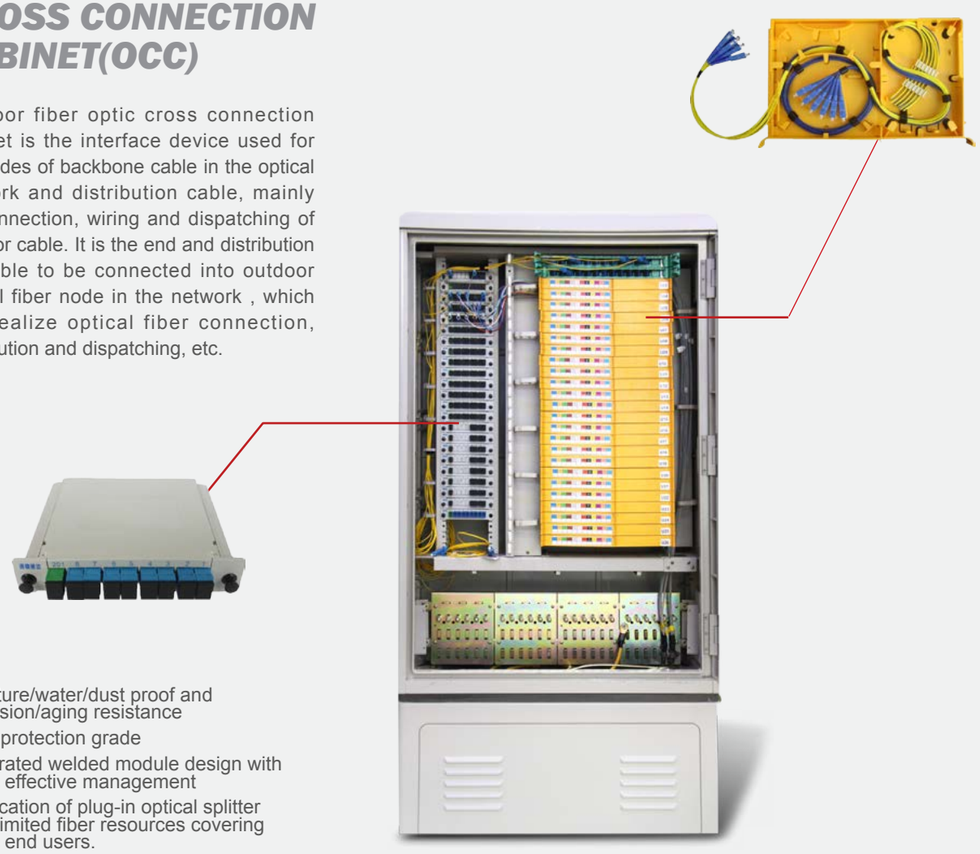
MECHANICAL SEALING

Half Type 2-in-2-out

Outdoor Fiber Optic

CROSS CONNECTION CABINET(OCC)

Outdoor fiber optic cross connection cabinet is the interface device used for the nodes of backbone cable in the optical network and distribution cable, mainly for connection, wiring and dispatching of outdoor cable. It is the end and distribution for cable to be connected into outdoor optical fiber node in the network , which can realize optical fiber connection, distribution and dispatching, etc.



- Moisture/water/dust proof and corrosion/aging resistance
- IP65 protection grade
- Integrated welded module design with more effective management
- Application of plug-in optical splitter with limited fiber resources covering more end users.

GXF11-DCS Series

Model	Dimensioin (H*W*D)(mm)	Tray qty.	Splicing & stroage tray for fiber wiring	Optical slot	Welding plate (optional)	Capacity (core)
GFX11-DCS SMC cabinet	1035*570*308 (with base)	1	12 (144core)	12	6 (72core)	144core
	755*570*308 (without base)					
	1450*750*320 (with base, single side door design)	2	24 (288core)	26	12 (144core)	288core
	1460*760*540 (with base, double sides door design)	4	48 (576core)	52	24 (288core)	576core
GXF11-DCS metal cabinet	1080*589*330 (with base)	1	12 (144core)	12	6 (72core)	144core
	1360*800*380 (with base)	2	24 (288core)	26	12 (144core)	288core
	1360*740*570 (with base)	4	48 (576core)	52	24 (288 core)	576core

GXF11-DCP Series

Dimension (H*W*D)(mm)	12 core splice & distribution tray	Max. capacity (core)		Installation pitch
		Wiring cable	Split/splice/trunk	
1460(1110)*750*370	22(wiring cable + 28 (split/splice/trunk)	264	224/72/96	614*214

1 The dimension of the ice gray color 12core splice & distribution tray with FC(rectangular)/ SC/LC:25*200*180(H*W*D)

2 1110*750*370 is the dimension without base installed.

3 Maximum of 28 pieces of 12core splice & distribution tray can be installed.

4 Maximum of 7 pieces of 1(2):32 PLC splitter can be installed.

GXF09T Series

Model	Dimensioin (H*W*D)(mm)	Trunk cable stripping device	Wiring cable stripping device	Tray qty.	Welding plate qty.	Max. wiring cable (core)
SMC/ metal cabinet	1035*570*308(with base)	1	2	12	6 (72core)	144
	755*570*308(without base)					
	1450*750*320 (with base, single side door design)	2	6	24	12 (144core)	288
	1460*760*540 (with base, double sides door design)	4	12	48	24 (288core)	576

GXF11-DHP Series

Model	Dimensioin (H*W*D)(mm)	Trunk cable stripping device	Splicing & storage tray for cable wiring	Tray qty.	Welding plate qty.	Max. wiring cable (core)
SMC/ metal cabinet	1035*570*308 (with base)	1	12 (144core)	5	6 (72core)	144
	755*570*308(without base)					
	1450*750*320 (with base, single side door design)	2	24 (288core)	5	12 (144core)	288
	1460*760*540 (with base, double sides door design)	4	48 (576core)	12	24 (288core)	576

Fiber Optic

DISTRIBUTION FRAME(ODF)

GPX09T Series

Optical distribution frame is used for establishing the termination and distribution of the trunk optical cable in optical communication systems, which makes the optical fibers easy to be connected, allocated and managed.

Function

Trunk cable termination and distribution
Optical fiber cable connection, allocation and scheduling

Feature

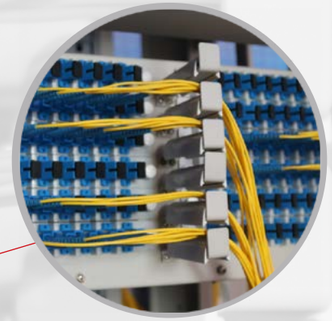
- High quality cold-rolled steel frame material applied
- Welded structure, high strength and good rigidity
- Electrostatic spray surface treatment, anti-corrossion
- Modular design, easy and flexible installation, maintenance and expansion as required
- Modular splicing tray employed, with 12/24/48/72/96 cores capacity, and standard 19 inches installation

Application

FTTx
Network central room

GPX09T Fiber Optic Distribution Frame (ODF)				
Model	Full capacity (no splitting tray)	Dimension (H*W*D) (mm)	Qty. of 12 core splice and distribution tray	Storage unit
GPX09T-840	720	2200*840*300	60	/
GPX09T-600	576	2600*600*300	48	4
GPX09T-520	144(wall hanging)	720*520*250	12	/

GPX09S Series



Optical distribution frame is used for establishing the termination and distribution of the trunk optical cable in optical communication systems, which makes the optical fibers easy to be connected, allocated and managed.

Function

Trunk cable termination and distribution
Optical fiber cable connection, allocation and scheduling

Feature

- High quality cold-rolled steel frame material applied
- Welded structure, high strength and good rigidity
- Electrostatic spray surface treatment, anti-corrossion
- Modular design, easy and flexible installation, maintenance and expansion as required
- Modular splicing tray employed, with 12/24/48/72/96 cores capacity, and standard 19 inches installation

Application

FTTx
Network central room

GPX09S Main Fiber Optic Distribution Frame (MODF)				
Dimension (H*W*D) (mm)	Line side		Device side	
	72core unit	Capacity(core)	96core unit	Capacity(core)
200*840*600	9	648	5	480
2200*840*600	10	720	6	576
2600*840*600	12	864	7	672

Fiber Optic
INTEGRATED DISTRIBUTION FRAME

Optical distribution frame is consist of fiber distribution unit, digital distribution unit and cable wiring unit, which can realize functions of fiber distributing, digital control and cable wiring with more space saving and easier management. It is widely used in remote base stations.

Feature

- High quality cold-rolled steel frame material applied
- Welded structure, high strength and good rigidity
- Electrostatic spray surface treatment, anti-corrossion
- Modular design, easy and flexible installation, maintenance and expansion as required

Application

FTTx
Remote base station

G/MPX01A Series

G/MPXX01A Integrated Distribution Frame		
Model	Dimension (H*W*D)(mm)	Full capacity (U)
G/MPX01A-2000	2000*600*600	42U
G/MPX01A-2200	2200*600*600	46U
G/MPX01A-2600	2600*600*600	55U
Siemens DDF unit		2U
ODU-24 core fiber unit	87*482*250	2U
AC and DC power distribution unit		4U

Fiber Optic Integrated Distribution Frame

Optical distribution frame is consist of fiber distribution unit, digital distribution unit and cable wiring unit, which can realize functions of fiber distributing, digital control and cable wiring with more space saving and easier management. It is widely used in remote base stations.

Feature

- High quality cold-rolled steel frame material applied
- Welded structure, high strength and good rigidity
- Electrostatic spray surface treatment, anti-corrossion
- Modular design, easy and flexible installation, maintenance and expansion as required

Application

FTTx
Remote base station

G/MPX01B Series

G/MPX01B Integrated Distribution Frame		
Model	**Dimension**	**Capacity**
G/MPX01B-2000	2000*600*1100	42U
G/MPX01B-2200	2200*600*1100	46U
G/MPX01B-2600	2600*600*1100	55U

Fiber Optic Outdoor Cabinet and Room

FTTx outdoor cabinet is applied for wireless or wired network stations, which can build a physical safe environment for the network devices installed in the cabinet. It is mainly used for DSLAM down, FTTx access, base station construction and other needed scenses.

- Fully welded splicing gap structure, high performance of silicone sealing
- Various application as needed, fan/heat exchange type for cabinet inside temperature control

Application

FTTx access
DSLAM

Fiber Optic
OUTDOOR CABINET AND ROOM

JG-H01 Outdoor Cabinet

Dimension (mm)	H	W(mm)		D(mm)	
		Cabinet	Head over	Cabinet	Head over
	1500	1600	1600	700	750
Device storage capacity	H	W		D	
	27U	19" installation		600mm	
Battery capacity	12V/ 100AH 8 storage batteries				
Material	Hot galvanized plate		ALZINC	Aluminum plate	
Heat exchange equipment	Heat exchanger	80W/K	100W/K	120W/K	Other
	Industrial AC	600W	1000W	1500W	Other
Device door	Front door only			Front and back door	
Installation	Hanging on the wall or on the floor				
In and out way	Bottom (beside the cabinet or on the header)				

注册号：03016Q10194R2M

TLC

管理体系认证证书

Certificate for Management System

兹证明

江苏通鼎宽带有限公司

注册地址：江苏省苏州市吴江经济技术开发区
采字路 583 号（邮政编码:215200）
统一社会信用代码：91320509566863913C

质量管理体系符合
GB/T19001-2008/ISO9001：2008 标准

本证书覆盖范围：
通信配套设备（光缆交接箱、光缆分纤箱、光缆接头盒、光纤配线架、通信系统用户外机柜、宽带接入用综合配线箱、光缆终端盒、通信设备用综合集装架、数字配线架、数据设备用网络机柜）、光有源器件（光模块）、光无源器件（光分路器、光纤活动连接器、现场组装式光纤活动连接器、预置成端引用光缆组件）、一般工业用电力变流设备（低压成套开关设备、通信用交、直流电源分配列柜）、活动房屋除外的铁、钢或铝的其他结构及其部件（走线架）、多媒体通信终端设备（IPTV 机顶盒）的设计、生产和服务过程；软件的设计和开发
认证地址：江苏省苏州市吴江经济技术开发区采字路 583 号（邮政编码:215200）

发证日期：2016 年 11 月 28 日　换证日期：2018 年 01 月 16 日
证书有效期至：2018 年 09 月 14 日
（首次颁证日期：2011 年 04 月 26 日）

（本证书信息可在国家认证认可监督管理委员会官方网站（www.cnca.gov.cn）或泰尔认证中心官方网站（www.tlc.com.cn）上查询；首次颁证日期指最新标准实施后的颁证日期；获证组织必须定期接受监督审核并经审核合格此证书方继续有效）

泰尔认证中心（盖章）
TL Certification Centre

中心主任（签字）
Director

IAF

中国认可
国际互认
管理体系
CNAS C030-M

体系认证
CNAS C030-M

中国・北京・新街口外大街28号　100088　http: // www.tlc.org.cn

注册号：03016E10199R2M

TLC

管理体系认证证书

Certificate for Management System

兹证明

江苏通鼎宽带有限公司

注册地址：江苏省苏州市吴江经济技术开发区
采字路 583 号（邮政编码:215200）

环境管理体系符合
GB/T24001-2004/ISO14001：2004 标准

本证书覆盖范围：
通信配套设备（光缆交接箱、光缆分纤箱、光缆接头盒、光纤配线架、通信系统用户外机柜、宽带接入用综合配线箱、光缆终端盒、通信设备用综合集装架、数字配线架、数据设备用网络机柜）、光有源器件（光模块）、光无源器件（光分路器、光纤活动连接器、现场组装式光纤活动连接器、预置成端引用光缆组件）、一般工业用电力变流设备（低压成套开关设备、通信用交、直流电源分配列柜）、活动房屋除外的铁、钢或铝的其他结构及其部件（走线架）、多媒体通信终端设备（IPTV 机顶盒）的设计、生产和服务过程的环境管理活动和场所
认证地址：江苏省苏州市吴江经济技术开发区采字路 583 号（邮政编码:215200）

发证日期：2016 年 12 月 22 日　换证日期：2018 年 01 月 16 日
证书有效期至：2018 年 09 月 14 日
（首次颁证日期：2011 年 04 月 26 日）

（本证书信息可在国家认证认可监督管理委员会官方网站（www.cnca.gov.cn）或泰尔认证中心官方网站（www.tlc.com.cn）上查询；获证组织必须定期接受监督审核并经审核合格此证书方继续有效）

泰尔认证中心（盖章）
TL Certification Centre

中心主任（签字）
Director

IAF

中国认可
国际互认
管理体系
CNAS C030-M

体系认证
CNAS C030-M

中国・北京・新街口外大街28号　100088　http: // www.tlc.org.cn

注册号：03016S10195R2M

TLC

管理体系认证证书

Certificate for Management System

兹证明

江苏通鼎宽带有限公司

注册地址：江苏省苏州市吴江经济技术开发区
采字路 583 号（邮政编码:215200）

职业健康安全管理体系符合
GB/T28001-2011 标准

本证书覆盖范围：
通信配套设备（光缆交接箱、光缆分纤箱、光缆接头盒、光纤配线架、通信系统用户外机柜、宽带接入用综合配线箱、光缆终端盒、通信设备用综合集装架、数字配线架、数据设备用网络机柜）、光有源器件（光模块）、光无源器件（光分路器、光纤活动连接器、现场组装式光纤活动连接器、预置成端引用光缆组件）、一般工业用电力变流设备（低压成套开关设备、通信用交、直流电源分配列柜）、活动房屋除外的铁、钢或铝的其他结构及其部件（走线架）、多媒体通信终端设备（IPTV 机顶盒）的设计、生产和服务过程的健康职业安全管理活动和场所
认证地址：江苏省苏州市吴江经济技术开发区采字路 583 号（邮政编码:215200）

发证日期：2016 年 11 月 28 日　换证日期：2018 年 01 月 16 日
证书有效期至：2019 年 11 月 27 日
（首次颁证日期：2011 年 04 月 26 日）

（本证书信息可在国家认证认可监督管理委员会官方网站（www.cnca.gov.cn）或泰尔认证中心官方网站（www.tlc.com.cn）上查询；获证组织必须定期接受监督审核并经审核合格此证书方继续有效）

泰尔认证中心（盖章）
TL Certification Centre

中心主任（签字）
Director

CNAS

中国・北京・新街口外大街28号　100088　http: // www.tlc.org.cn

体系认证
CNAS C030-M

TONGDING CERTIFICATE

BUREAU VERITAS Certification

江苏通鼎宽带有限公司

江苏省苏州市吴江经济技术开发区采字路 583 号

必维认证（北京）有限公司
确证上述单位的管理体系已经评审
并确认符合下列管理体系标准全部适用条款的要求

认 证 依 据 之 体 系 标 准

SA 8000:2014

体 系 覆 盖 范 围

光缆交接箱、光缆分纤箱、光缆接头盒、光纤配线架、通信系统用户机外柜、宽带接入用综合配线箱、光缆终端盒、通信设备用综合集装架、数字配线架、数据设备网络机柜、通信用交、直流电源分配列柜、走线架、光分路器和光纤活动连接器、现场组装式光纤活动连接器，IPTV 机顶盒的设计、生产和服务过程

认证周期起始日期：2017 年 5 月 18 日

在证书持有者之社会责任管理体系持续符合要求的运行条件下，本证书至下述日期有效：
2020 年 5 月 17 日

最初的批准日期：2017 年 5 月 18 日

证书号：IND17.2048　　版本号 1，批准日期：2017 年 5 月 18 日

授权代表

第一页 共一页

This is to acknowledge

Jiangsu Tongding Broadband Co. Ltd.

Appraisal System ID: 28400
Has Been Successfully Appraised and Rated at
Maturity Level 3 of CMMI-DEV Version 1.3 (Staged)
Using the SCAMPI v1.3 appraisal method

Gary Coleman
Certified SCAMPI Lead Appraiser 1000983-02

Common Sense

Issue Date: Dec 9, 2016
Expiry Date: Dec 9, 2019

CMMI Institute Partner

CEPREI

信息安全管理体系认证证书

（正本）
兹证明

江苏通鼎宽带有限公司

统一社会信用代码：913205095668639l3C

注册地址：吴江经济技术开发区采字路 583 号

已按照

GB/T 22080-2016 idt ISO/IEC 27001:2013

标准要求建立并实施了信息安全管理体系。
该管理体系适用于

通信配套设备、光无源器件、一般工业用电力变流设备、IPTV 机顶盒的研发生产服务过程所涉及到的信息安全及其相关的管理活动
（适用性声明版本：V 1.2）

涉及的场所及相关活动：

场所地址	场所邮编	场所主要活动
江苏省苏州市吴江经济技术开发区采字路 583 号	215200	通信配套设备、光无源器件、一般工业用电力变流设备、IPTV 机顶盒的研发生产服务过程所涉及到的信息安全及其相关的管理活动

注 册 号：01217IS0111R0M
颁证日期：2017.02.21
有效期至：2020.02.20
换证日期：2018.01.17

总经理：

CNAS 中国认可 管理体系 MANAGEMENT SYSTEM CNAS C012-M

CEPREI

质量管理体系认证证书

（正本）
兹证明

江苏通鼎宽带有限公司

统一社会信用代码：913205095668639l3C

注册地址：吴江经济技术开发区采字路 583 号

已按照

TL 9000-H R5.5/R5.5

标准要求建立并实施了质量管理体系。
该管理体系适用于

通信用机电组件、光纤配线架、光分路器、光纤活动连接器和通信用电力变流设备的设计和生产；多媒体通信终端设备（网络机顶盒）的设计和委外生产
（产品目录：3.2.1.1、5.3、6.2.6.1、8.3、8.4、8.5.2.2）

涉及的场所及相关活动：

场所地址	场所邮编	场所主要活动
江苏省苏州市吴江经济技术开发区采字路 583 号	215200	通信用机电组件、光纤配线架、光分路器、光纤活动连接器和通信用电力变流设备的设计和生产；多媒体通信终端设备（网络机顶盒）的设计和委外生产（产品目录：3.2.1.1、5.3、6.2.6.1、8.3、8.4、8.5.2.2）

注 册 号：01217QT0084R0L-1
颁证日期：2017.02.14
有效期至：2018.09.14
换证日期：2018.01.22

总经理：

CNAS 中国认可 管理体系 MANAGEMENT SYSTEM CNAS C012-M

Tongding Interconnection Information Co.,Ltd.

Tel: +86-512-63873510 / Email: sales@tongdinggroup.com / Website: www.tdgd.com.cn
Add: 8 Xiaoping Rd., Badu Economic Development Zone, Zhenze, Wujiang, Suzhou, Jiangsu, China 215233