FOCUS ON FIBER OPTIC CONNECTIVITY SOLUTION

NINGBO FIBCONET COMMUNICATION TECHNOLOGY CO., LTD

ADDRESS
Ningbo Education Technology Industrial Park, No. 462 Wenyuan Road,
Yinzhou District, Ningbo City, Zhejiang Province, China.

T: 86-574-88125650  Email: jamie@fibconet.com
Company profile

Start with the Copper age in 1992, FIBCONET have gone through nearly 18 years in the fiber optic communication area.

New FIBCONET have 3 manufacturing Center, Ningbo, Anhui and Northeast China, covering more than 10,000 sqm, owning 800 well-trained staffs and engineers, reaching the production capacity of PLC Splitter in 300,000 pcs and fiber optical connectors in 10 million pcs per month. As the national high-tech enterprise, FIBCONET’s person also striving more efforts on the innovation, 50 patents, 15 invention patents have been attained. FIBCONET focus on the fiber optical components, such as PLC splitter, patch cord, adapter, connectors etc. Especially for the PLC splitter, it can work in the extremely cold environment.

Even in the -50 centigrade degree, like in Russia, FIBCONET’s PLC can still help transmit the optical signal very well. And if you hope to get the 0.1 db for insert loss on your connectors, which is hard for the regular production, FIBCONET also have the ability to reach for you.

FIBCONET supply the goods all over the world through the trading company and agent, like Corning in the USA, Vodafone in the Europe,Furukawa in Japan, etc: ISO9001, Rits, TLC certificate have already been approved by the market and our customer.

With the new corporate vision: To be the top one supplier for the fiber optical components, “Keep connecting” is our Motto, not only means that we produce the connectors and connect the fiber optic equipment, but also connect with the new technology, connect with our every FIBCONET’s person, connect with our customers worldwide.

 OUR TEAM

| Value:     | Professional Persistent Productivity |
| Mission:   | Provides superior connectivity solutions and service to the customers worldwide |
| Vision:    | To be the top one fiber optic components supplier in the world |

23000 m²
Covering Area Nearly

1500
Workers

10 Million
Connectors yield

1992
Start with the Copper age in 1992, FIBCONET have gone through nearly 18 years in the fiber optic communication area.

2003
Founded in 2003 and developed the DDF, VDF first

2007
Enter optical communications industry and integrated into the development of the country’s 2G, 3G, 4G and 5G

2011
Invests in 15 injection molding machines and a large number of plastic molds

2012
Independently produce a full range of optical splitters

2016
Purchased more than 10,000 square meters of factory buildings

2019
Start with multiplex development of cable factory, WDM, SFP
Certifications & Patent

With ISO9001 quality system
TLC certification and RoHS international Standard certification
Yda has an excellent R&D team
and is always at the forefront of technology

The Patent Certificate

Feautred Products

05/08
01. Fiber optic PLC splitter
02. FBT
03. Patch Cord & Pigtail
04. Fiber Optic Adapter
05. Connectors
06. WDM
07. SFP Transceiver
08. Passive Plastic Products
09. Passive Metal Products
10. Fiber Optic Cable

Other Products

02. FBT
03. Patch Cord & Pigtail
04. Fiber Optic Adapter
05. Connectors
06. WDM
07. SFP Transceiver
08. Passive Plastic Products
09. Passive Metal Products
10. Fiber Optic Cable

The Patent Certificate
Planar light-wave circuit splitter (PLC Splitter) is a type of optical power management device that is fabricated using silica optical wave-guide technology.

It is used to split a fiber optic beam into several beams at a certain splitting ratio. It is an important passive device in passive optical network.

Features:
- Wide operating wavelength range: from 1260nm to 1650nm.
- Wide Operating Temperature: from -40°C to 85°C.
- Good channel-to-channel uniformity.
- High reliability and small size.
- Adopt high strength stainless steel, pass salt spray test.
- Adopt 100% new raw material, ROHS compliance.
- Low Insertion loss & Low PDL Compact Design.

Applications:
- FTTX
- Cable television (CATV)
- Local area networks (LAN)
- Test equipment
- Passive optical networks (PON)

Specification

<table>
<thead>
<tr>
<th>Input port(s)</th>
<th>1 or 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Output port(s)</td>
<td>2/4/8</td>
</tr>
<tr>
<td>Steel tube size (mm)</td>
<td>50x7x4 55x7x4 60x7x4 60x12x4 80x20x6 100x40x6</td>
</tr>
<tr>
<td>Housing material</td>
<td>Stainless steel</td>
</tr>
<tr>
<td>Connector type</td>
<td>SC/FC/ST/SC/FC/MU</td>
</tr>
<tr>
<td>Steel tube size could be customized</td>
<td></td>
</tr>
</tbody>
</table>

Complementary Products

- Adapter P. 20
- Fast Connector P. 22
- Distribution Box P. 27
### ABS Box PLC Splitter

The shape of ABS Box PLC Splitter is rectangular. The Box size is different according to 1/2×N PLC Splitter.

**Input port**(pc) 1 or 2  
Pigtail length 1m/1.5m/2m  
Output port**(pc) 2/4/8, 16/32  
Box size(mm) 100×80×10, 120×80×18, 141×114×18  
Connector type SC/FC/ST/LC/MU

### Module Type PLC Splitter

Module Type PLC Splitter is sealed by small plastic box to save installation space.

**Specification**  
Product name plug-in Type fiber optic splitter  
Connector Type SC, FC, ST, LC, MU  
Installation Modes plug-in Type  
Insertion Loss <13.7 DB  
Operating Temperature -50℃~85℃  
Operating Wavelength 1260~1650 μm  
Packaging material ABS+PC  
Output port 2, 4, 8, 16, 32

### Complementary Products

- Adapter: P. 20  
- Fast Connector: P. 22  
- Distribution Box: P. 27  
- Patchcord: P. 13

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**Table:**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input port**(pc)**</td>
<td>1 or 2</td>
</tr>
<tr>
<td>Pigtail length</td>
<td>1m/1.5m/2m</td>
</tr>
<tr>
<td>Output port**(pc)**</td>
<td>2/4/8, 16/32</td>
</tr>
<tr>
<td>Box size(mm)</td>
<td>100×80×10, 120×80×18, 141×114×18</td>
</tr>
<tr>
<td>Connector type</td>
<td>SC/FC/ST/LC/MU</td>
</tr>
</tbody>
</table>

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Keep Connecting | FIBCONET 06
# 02. FBT

**Description:**

FBT splitter utilizes precision technology to combine or distribute light from single/multiple inputs to single/multiple outputs bi-directionally. They are designed for power splitting and tapping in telecommunication equipment, CATV network, and test equipment.

**Features:**
- Various coupling ratio
- Single mode and multi mode available
- Low insertion loss, low PDL
- Environmental stable
- Industry standard and custom housing available
- Variety of connectors available
- 1x2, 1x4 and 1x n customized couplers configuration available

**Applications:**
- Optical Fiber Communication Systems
- Optical Fiber CATV
- Passive Optical Network (PON)
- Optical Amplifiers
- Optical Access Networks/LAN
- Monitoring Systems
- Optical Fiber Sensor

Customized FBT splitters in a variety of styles, sizes, port configurations, split values, and wavelength specifications, allowing a high degree of flexibility in tailoring the product to suit your precise requirements and application.

### Specification

<table>
<thead>
<tr>
<th>Coupling Ratio</th>
<th>P  Grade</th>
<th>S  Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>50/50</td>
<td>≤ 3.4</td>
<td>≤ 3.6</td>
</tr>
<tr>
<td>45/55</td>
<td>≤ 3.7/2.7 ≤ 3.8/2.9</td>
<td></td>
</tr>
<tr>
<td>40/60</td>
<td>≤ 4.4/2.6 ≤ 4.7/2.8</td>
<td></td>
</tr>
<tr>
<td>35/65</td>
<td>≤ 4.8/2.0 ≤ 4.9/2.10</td>
<td></td>
</tr>
<tr>
<td>30/70</td>
<td>≤ 5.7/1.9 ≤ 6.0/2.0</td>
<td></td>
</tr>
<tr>
<td>25/75</td>
<td>≤ 6.9/1.3 ≤ 6.5/1.4</td>
<td></td>
</tr>
<tr>
<td>20/80</td>
<td>≤ 7.6/1.2 ≤ 8.0/1.3</td>
<td></td>
</tr>
<tr>
<td>15/85</td>
<td>≤ 8.6/0.7 ≤ 8.9/0.88</td>
<td></td>
</tr>
<tr>
<td>10/90</td>
<td>≤ 11.0/0.65 ≤ 11.5/0.8</td>
<td></td>
</tr>
<tr>
<td>5/95</td>
<td>≤ 14.2/0.4 ≤ 14.8/0.5</td>
<td></td>
</tr>
<tr>
<td>2/98</td>
<td>≤ 18.5/0.25 ≤ 19.0/0.35</td>
<td></td>
</tr>
<tr>
<td>1/99</td>
<td>≤ 21.5/0.2 ≤ 22.0/0.3</td>
<td></td>
</tr>
<tr>
<td>Excess Loss(Typ.(dB))</td>
<td>≤ 0.1</td>
<td></td>
</tr>
<tr>
<td>PDL(Max.(dB))</td>
<td>≤ 0.1</td>
<td></td>
</tr>
<tr>
<td>Operating Wavelength(nm)</td>
<td>1310±40, 1550±40, 1310/1550/1490±40 or custom wavelength</td>
<td></td>
</tr>
<tr>
<td>Directivity(db)</td>
<td>≥ 55</td>
<td></td>
</tr>
<tr>
<td>Return Loss(dB)</td>
<td>≥ 50</td>
<td></td>
</tr>
<tr>
<td>Port Configuration</td>
<td>1x2 or 2x2</td>
<td></td>
</tr>
</tbody>
</table>

### Complementary Products

- Adapter: P. 20
- Fast Connector: P. 22
- Distribution Box: P. 27
- Patchcord: P. 13
**Fiber Optic Indoor Patch Cord**

**Description:**
Indoor patch cords are current normal one. They are used for the construction of horizontal subsystem and SCS building backbone cabling subsystems.

**Patch Cord & Pigtail**

**Description:**
Fiber Patch Cord is a fiber optic cable capped at either end with connectors that allow it to be rapidly and conveniently connected to CATV, an optical switch, or other telecommunication equipment. Having a thick layer of protection, it is used to connect the optical transmitter, receiver, and the terminal box. This is known as "interconnect-style cabling.”

**Specification**

<table>
<thead>
<tr>
<th>Connector</th>
<th>SM, G652D, G657A1, G657A2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fiber model</td>
<td>MM, OM1, OM2, OM3, OM4, OM5</td>
</tr>
<tr>
<td>Cable Dia</td>
<td>Ø0.9mm, Ø2.0mm, Ø3.0mm</td>
</tr>
<tr>
<td>Strength Member</td>
<td>China aramid yarn, Dupont kevlar yarn</td>
</tr>
<tr>
<td>Jacket</td>
<td>PVC, LSZH, OFNR, PE, TPU</td>
</tr>
<tr>
<td>Core number</td>
<td>Simplex, Duplex, Multicore</td>
</tr>
<tr>
<td>Length</td>
<td>1, 2, 3, 5, 10m, or customized</td>
</tr>
</tbody>
</table>

**Complementary Products**

- Adapter: P. 20
- Distribution Box: P. 27
- ODF: P. 31

Different connectors is available:

- ST-DX
- LC-DX
- FC
- LC
- SC
- E2000
- MTRJ
- MPO
- LC-XD
- LC-HD
- MT9
- HFPD
- SM, MM
- FC, LC, SC, ST, MU, E2000, LSZH...
Fiber Optic Armoured Patch Cord & Pigtail

Description:
Armored patch cord can be laid in all kinds of environmental extremes. It is used without protection tube which saves space and is quite convenient for maintenance. Also it has the construction including stainless steel tube which protects optical fiber and provide better security for the whole system.

Complementary Products
- Adapter: P. 20
- Fast Connector: P. 22
- Distribution Box: P. 27
- ODF: P. 31

FTTH Drop Patch Cord

Description:
FTTH drop cable Patch cord, refers to the drop cable ends with a connector plug used to achieve optical active connection, also be made into a single head pigtails, and flexible Splice, Quick connect and other products combined application.

For FTTH project corridor boxes, drop cable distribution boxes, FTTH fiber boxes and other forms of installation.

Features:
- High bandwidth and excellent communication transmission property
- Two parallel FRP strength members make sure good performance of crush resistance to protect the fiber.
- Simple structure, light weight and high performance.
- Low smoke zero halogen sheath, environmental protection and practical.
- Low insertion loss.
- 100% factory terminated and tested.

Complementary Products
- Adapter: P. 20
- Fast Connector: P. 22
- Distribution Box: P. 27
- ODF: P. 31
## FTTA CPRI Patch Cord

**Description:**
FTTA CPRI patch cord outer housing to withstand harsh environment conditions when being used in outdoor application.
- Duplex round far transmission outdoor cable (water blocking aramid yarns and UV resistant black out jacket), sometimes with pulling eye.
- Her LC open bulkhead for easy access to SFP Module to realize the signal path from BBU to RRU.

**Features:**
- Compact size, easy to operate, durable.
- Easy connection to hardened adapters on terminals or closures.
- Reduce welding, connect directly to achieve interconnection.
- Spiral clamping mechanism ensures long-term reliable connection.
- Guide mechanism, can be blinded with one hand, simple and quick, connect and install.
- Seal design: it is waterproof, dust-proof, anti-corrosion and so on.

## Multicore Bundle Distribution Patch Cord & Pigtail

**Description:**
Multicore Bundle Distribution Patch Cord & Pigtail are used to link the fiber optic cable with fiber optic equipment; it can reach a minimum insertion loss.

**Features:**
- 400X microscope inspecting.
- 4core, 6 core, 8 core, 12core, 24core, 48core, 72core, 96core, 144core...Available.
- Pluggable structure, easy to intensive-installation.
- Low insertion loss and high return loss.

**Complementary Products**
- Adapter: P. 20
- Fast Connector: P. 22
- Distribution Box: P. 27
- ODF: P. 31

## Specification

<table>
<thead>
<tr>
<th>Item</th>
<th>Single mode</th>
<th>Multi mode</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connector</td>
<td>PC, SC, LC, ST, MU, E2000, LSZH...</td>
<td></td>
</tr>
<tr>
<td>Fiber model</td>
<td>SM G652D, G657A1, G657A2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MM OM1, OM2, OM3, OM4, OM5</td>
<td></td>
</tr>
<tr>
<td>Core number</td>
<td>Duplex, Quad, multi-core</td>
<td></td>
</tr>
<tr>
<td>Cable Dia</td>
<td>4.8mm, 70mm, 8.8mm...</td>
<td></td>
</tr>
<tr>
<td>Length</td>
<td>1, 2, 3, 5, 10m... or customized</td>
<td></td>
</tr>
<tr>
<td>Parking</td>
<td>Standard packing, reel packing</td>
<td></td>
</tr>
</tbody>
</table>

- **Insertion Loss:**
  - PC: <=0.3dB
  - UPC: <=0.3dB
  - A/PC: <=0.3dB

- **Return Loss:**
  - PC: >=50dB
  - UPC: >=60dB
  - A/PC: >=65dB

- **Repeatability:**
  - PC: <=0.1dB
  - UPC: <=0.1dB
  - A/PC: <=0.1dB

- **Operating Wavelength:**
  - 1310nm, 1550nm
  - 850nm, 1300nm

- **Temperature Stability:**
  - Additional Loss <= 0.2dB, Return Loss Variability <=5dB

- **Working Temperature:**
  - -50°C ~ +75°C
Fiber Optic Indoor Pigtail

**Description:**
A cable that has an appropriate connector on one end and loose wires on the other. It is designed to patch into an existing line or to terminate the ends of a long run.

**Features:**
- PC UPC APC polishing optional.
- Low insertion loss, high return loss.
- High credibility and stability.
- 400X microscope inspecting.
- Wide Operating Wavelength: 1260-1650nm.
- Wide operating temperature: -50° C - 85° C.
- Excellent repeatability and interchangeability.
- Singlemode or multimode fiber optional.

**Specification**
- **Connector:** FC, SC, LC, ST, MU, DIN, D4, E2000, MTRJ, SMA, LX.
- **Fiber Model:** SM G652D, G657A1, G657A2, G657B3, G655
- **Cable Types:** Ф0.9mm, Ф2.0mm, Ф3.0mm
- **Cable Construction:** Simplex, Multicore Colorful, Multicore Bundle, Multicore Distribution
- **Jacket:** PVC, LSZH, OFNP, OFNR, PE, TPU
- **Core Number:** Multicore (4, 6, 8, 10, 12, 24……)
- **Length:** 1, 2, 3, 5, 10m (or customized)

**Complementary Products**
- Adapter
- Fast Connector
- Distribution Box
- ODF

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Fiber Outdoor Waterproof Pigtail

**Description:**
Waterproof pigtail, it is assembled by a waterproof GYJTA cable and one side connectors.

**Features:**
- 2, 4, 6, 8 and 12 cores are available.
- Low insertion loss, high return loss.
- Easy to splice and convenient laying.
- Singlemode or multimode fiber optional.
- Excellent repeatability and interchangeability.
- Good mechanical and environmental characteristics.
- Flame retardant, meet the requirement of relevant standards.
- Waterproof wrapped excellent performance suit for outdoor and harsh environment.

**Specification**
- **Connector:** FC, SC, LC, ST, MU, MTRJ, MPO
- **Fiber Model:** SM G652D, G657A
- **Cable Types:** Ф0.9mm, Ф2.0mm, Ф3.0mm
- **Cable Construction:** Simplex, Multicore Colorful, Multicore Bundle, Multicore Distribution
- **Jacket:** PE (Polyethylene), or other contract material
- **Core Number:** Multicore (2, 4, 6, 8, 10, 12, 24……)
- **Length:** 1, 2, 3, 5, 10m (or customized)

**Complementary Products**
- Adapter
- Fast Connector
- Distribution Box
- ODF
Fiber Optic Adapter

**Description:**
Fiber optic adapters are a special passive component designed to mate or connect two ends of a fiber optic cable with high precision. Fiber optic adapters mate two ends of different fiber optic connectors, achieving the conversion between different connectors such as FC, SC, ST, LC, MTRJ, MPO, and E2000 and so on. They are widely used for Optical Distribution Frame (ODF), fiber optic communication devices, and equipment, with excellent performance and good stability. We can also call them Fiber optic Flange or Coupler.

**Features:**
- Low insertion loss, high return loss
- Good compatibility
- High precision of mechanical dimensions
- High reliability & stability
- Ceramic or Bronze Sleeve
- PC/UPC/APC optional
- Simplex / Duplex

**Specifications:**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Unit</th>
<th>SC, FC, LC, ST, MTP, MTPE, 2000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insertion Loss (Typical)</td>
<td>dB</td>
<td>≤ 0.2</td>
</tr>
<tr>
<td>Return Loss</td>
<td>dB</td>
<td>≥ 45</td>
</tr>
<tr>
<td>Exchangeability</td>
<td>dB</td>
<td>≤ 0.2</td>
</tr>
<tr>
<td>Repeatability</td>
<td>dB</td>
<td>≤ 0.2</td>
</tr>
<tr>
<td>Durability</td>
<td>Time</td>
<td>&gt; 1000</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>°C</td>
<td>-40~85</td>
</tr>
</tbody>
</table>

**Complementary Products**

- **ODF**
  - P. 31
- **Fast Connector**
  - P. 12
- **Patchcord**
  - P. 13
Connectors

Description:
Fast Connector is a perfect solution for field working and FTTH connection. It is widely used for where need to quick connection, providing a quick assembly and stable performance. When engineers work in field for installation, maintenance, repair of optical fiber, or FTTH indoor terminate, they can use it easily because it has no epoxy, no polishing. Fast Connector is designed inside ferrule with fiber stuff and pre-polishing in the factory. It provides a perfect ferrule endface quality. This has great help to protect user’s equipment interface and improves the connector loss.

Complementary Products

<table>
<thead>
<tr>
<th>Product</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pigtail</td>
<td>13</td>
</tr>
<tr>
<td>Wall outlet box</td>
<td>28</td>
</tr>
<tr>
<td>Drop cable</td>
<td>35</td>
</tr>
</tbody>
</table>
06. WDM

**Description:**
FTTx Filter WDM module extensively used in EDFA, Raman amplifiers, WDM networks and fiber optics instrumentation. It is based on Thin Film Filter (TFF) technology. The device combines or separates light at different wavelengths in a wide wavelength range. It can expand the capacity of a single fiber to achieve bidirectional communication, so that widely used in optical network upgrade and expansion, or introduce new comprehensive business etc.

**Features:**
- Low Insertion Loss
- High Isolation
- Low PDL
- Compact Design
- Good Channel-to-channel Uniformity
- Wide Operating Wavelength: 1260nm~1620nm or 1460nm~1620nm
- Wide Operating Temperature: -5°C~75°C
- High Reliability and Stability

**APPLICATIONS:**
- System Monitoring
- Transmitters and Fiber
- Passive Optical Network (PON)
- Fiber optical amplifier
- CATV System
- FTTH System

**CWDM:**

**FWDM:**

**AWG:**

**DWDM:**

07. SFP Transceiver

**Description:**
The SFP module, which consists of optical devices, functional circuits and optical interfaces, is an important device to realize the conversion of optical signals and electrical signals in the optical communication system during transmission. Applications include telecommunications transmission, data centers and 5G. The light module occupies the middle position in the whole 5G industry.

**Features:**
- Compatible IEEE 802.3ah 1000BASE-PX20/PX20+ GEPON application
- Applied to EPON OLT for a Single Fiber Bi-directional EPON System
- SFP: Single SC connector, Digital Diagnostic Interface Compliant with SFF-8472
- Burst Digital Receiving Signal Strength Indication (RSSI)
- Single 3.3V power supply
- Operation case temperature: -40~85°C for industrial, -25~85°C for extended and -10~70°C for commercial
- RoHS-6 compliance

**APPLICATIONS:**
- Ethernet
- Telecom
- Fiber Channel

**Features:**
- Fiber Channel
- Telecom
- Industrial

**CFP**
**CFP2**
**CFP4**
**QSFP28**
**QSFP+**

**XENPAK**
**X2**
**XFP**
**SFP+**
**SFP28**

**GBIC**
**SFP**
**SFF**
**1x9**
**Passive Plastic Products**

**Description:**

The equipment is used as a termination point for the feeder cable to connect with drop cable in FTTX communication network system.

The fiber splicing, splitting, distribution can be done in this box, and meanwhile it provides solid protection and management for the FTTX network building.

Total enclosed structure. Clamping for feeder cable and drop cable, fiber splicing, fixation, storage, distribution...etc all in one.

**Complementary Products**

- **Pigtail:** P.12
- **Fast Connector:** P.10
- **Patchcord:** P.13
- **Adapters:**
  - PSCD114123: Capacity: 48-144C
  - PSCD122113: Capacity: 24-144C
  - PSCH123a: Capacity: 12-96C
  - PSCH123b: Capacity: 12-24C
  - PSCH123c: Capacity: 12-24C
  - PSCH123d: Capacity: 12-144C
  - PSCH1523: Capacity: 16-24C
  - PSCH1213: Capacity: 24-48C

**Dome Type**

- **Fiber optic Splice Closures**
  - PSCD114123: Capacity: 48-144C
  - PSCD122113: Capacity: 24-144C
  - PSCH123a: Capacity: 12-96C
  - PSCH123b: Capacity: 12-24C
  - PSCH123c: Capacity: 12-24C
  - PSCH1213: Capacity: 24-48C

**Horizontal Type**

- **Fiber optic Splice Closures**
  - PSCD114123: Capacity: 48-144C
  - PSCD122113: Capacity: 24-144C
  - PSCH123a: Capacity: 12-96C
  - PSCH123b: Capacity: 12-24C
  - PSCH123c: Capacity: 12-24C
  - PSCH1213: Capacity: 24-48C
Fiber Optic Distribution Box

- Description:
  The equipment is used as a termination point for the feeder cable to connect with drop cable in FTTX communication network system.
  The fiber splicing, splitting, distribution can be done in this box, and meanwhile it provides solid protection and management for the FTTX network building.

Wall Outlet Box

- Fixing:
  - Screwed on the wall
  - On a fitted wall box
  - On a DIN rail with an adapter (included)
- Cable entries:
  - 6 entries: on the right, left, under, below, on the back.
  - Cable Ø: 2.0 to 6mm
  - Cable fastening with Clip
- Outputs: SC/LC
- Fiber routing:
  - Bending radius: 15mm
- Routing zone:
  - up to 1.5m for 250μm/1m for 900μm
- Splicing support:
  - Up to 4 individual heat shrinks of 40 or 45mm length for fusion splicing
- Temperature:
  - -25° C to +70° C

Complementary Products

PigtailFAST Connectors
PatchcordAdapter
Splice box
Passive Metal Products

Description:
Compact design used in residential and business applications.
Upper layer for cross-connecting and fiber distribution.
Lower layer for splicing.
Fully stable adapter, no risk of movement.
Fiber can get in from bottom or side.
Easy installations: Ready for wall mount - installation kits provided.

Features:
- Compact design used in residential and business applications.
- Upper layer for cross-connecting and fiber distribution.
- Lower layer for splicing.
- Fully stable adapter, no risk of movement.
- Fiber can get in from bottom or side.
- Easy installations: Ready for wall mount - installation kits provided.

Options:
- Splicing:
  up to 48 splicings with 4 splicing trays for protection sleeves (40, 45 or 60mm)
- Patching:
  48sC foot prints or sC - sC-APC, LC - LC-APC or E2000 - E2000-APC
- Splitter support:
  6 holes for splitters (box size: 100x26x10mm)
- Patchcord management system:
  up to 48 patchcords of 25m (cable Ø 2mm)

Technical Specifications:
- Dimensions (lxdxh):
  440x132x150mm
- Color:
  white, grey
- Fixing:
  Wall fixing with screws
- Cable entries and fastening:
  3 on the top, 3 on the lower part, 2 on the left - Fastening with plastic ties - Cable Ø: 7 to 15mm (compliant with G652 and G657 fiber)
- Impact protection: IK07
- Waterproofness: IP40

Complementary Products
- Pigtail
  P.13
- Patchcord
  P.13
- Fb Splitter
  P.07
- Adapter
  P.20
ODF

**Description:**

ODF is mainly used for cable inlet, grounding and fixing and the splicing between the terminal end and pigtail. Users can select unit or ring flange amount according to their practical needs.

**Technical Specifications:**

- **Material:** Cold rolling sheet/Stainless steel
- **Type:** With fiber optical distribution modules
- **Capacity:** 12-144 cores
- **Noted:** Other requirements can be customized accordingly

**Features:**

- **Material:** SMC
- **Cores:** 144 Core, 288 Core, 576 Core
- **Relative humidity:** <=85% (at +30℃) (indoor), <=95% (at +40℃) (outdoor)
- **Working temperature:** -5℃ →+40℃ (indoor), -40℃ →60℃ (outdoor)

**Complementary Products**

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**Accessories**

- Plastic cable ties, 1 set of m4 fastenings made of screws, washers and nuts, fastenings for the assembly of the adaptors (SC and SC/DC versions)

**Fiber optical Cross Connect Cabinets**

**Features:**

- **Material:** Cold rolling sheet/Stainless steel
- **ETSI installations**
- **Designed to be used together with high density swing type modules**
- **Band radius protection of 35mm throughout entire frame and all modules**
- **Wide rage of splice, patch and cable storage options**

**Technical Specifications**

- **Color:** white, black, grey
- **Protection Rating:** IP65

**Complementary Products**

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Telecom Cabinets

Features:

- Steel frame.
- Tempered glass front door and rear door accelerate the convection inside enclosure.
- With Tempered glass front door and its color are optional.
- Removable side panels. Leveling feet or castors. Max Static load 800Kg, Max Dynamic load 350Kg.
- Special design, strength front/rear door shape beauty and structure fastness.
- Full set of optional accessories.
- Installation can be optional for castors of standing.
- Efficient cabinets connectors.

**TECHNICAL SPECIFICATIONS**

- Max. Static load 800Kg.
- Max. Dynamic load 350Kg.
- Optional accessories
  - with screw and nut with 4 pcs of caster and adjusters
  - with 2 pcs of fixed shelf with 2 pcs of fan for 600*600 cabinet
  - with 4 pcs of fan for 600*600, 600*1000mm cabinet
  - with 1 pc of power panel

**OPTIONS**

- Removable side panels.
- Leveling feet or castors.
10. Fiber Optic Indoor Cable

- **GJFJV**: Simplex fiber optic cable
- **GJFJV**: Duplex fig.8 Zipcord fiber optic cable
- **GJFJV**: Duplex single tube spiral armored cable
- **GJFJV**: Duplex double tube spiral armored cable
- **GJFV**: Multi-cores mini round cable
- **GJFV**: Multi-cores single tube spiral armored cable
- **GJXH/GJXFH**: Indoor drop cable
- **GBFJY**: Multi-fiber breakout cable
- **GMBFJH**: Mini-core cable 2-24F

10. Fiber Optic Outdoor Cable

- **ADSS**: All dielectric self-supporting Aerial cable
- **GJYXCH/GJXFCH**: Outdoor self-supporting drop cable
- **GYFTH**: Stranded non-metallic & Non-armored cable
- **GYTS/A-53**: Stranded double jackets armored cable
- **GYTCB5**: Figure 8 self-supporting cable
- **GYTA**: Stranded aluminum tape cable
- **GYTTYS**: Stranded armored cable
- **GYXTB5**: Figure 8 central loose tube cable
- **GYXTW**: Central loose tube armored cable