

超 ∞ 前[®]

FTTH by
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CHAOQIAN

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专业ODN设备制造商

Professional ODN equipments manufacturer



把需求理想变成现实——超前通信

Transform ideal to reality —— **CHAOQIAN** COMMUNICATION

[Http://www.chaoqian.com](http://www.chaoqian.com)

浙江超前通信设备有限公司

公司创建于1992年，一直以来从事通信设备的研发、生产及销售。公司生产的光缆接头盒、光缆配线箱等众多产品被国内外广大用户认可，在不断地进行新技术开发的同时，始终致力于提高自身素质，以适应时代的需要。

中国的FTTH产业迅速发展，公司为中国三大电信运营商提供ODN产品及FTTH解决方案，具有17年丰富的专业经验。同时也为全球网络运营商提供FTTH产品和服务。

Zhejiang Chaoqian Communication Equipment Co., Ltd.

We are a modern enterprise which specializes in R&D, manufacturing, marketing and services of communication equipments since 1992.

Our products are admitted by the domestic and foreign customers around the world. We are applying ourselves to make innovations to accommodate the market demands continuously.

We are providing the ODN products and FTTH solutions to the biggest Telecom operators in China and worldwide. For the industry of FTTH. We have 17 years professional experiences.



The real strength express

实力展现

浙江超前通信设备有限公司成立于1992年，位于浙江东部的经济活跃中心——台州市，是一家具备开发、生产和销售为一体的高新技术企业。

公司拥有数控冲床、数控剪板机、数控折弯机、数控塑料成型机等设备，年生产能力：箱体30万套，光缆接头盒80万套。完善的检测设备确保了品质符合国际标准要求。

Zhejiang Chaoqian Communication Equipment Co., Ltd. founded in 1992, is located in the central economic zone in the east of Zhejiang Province-Taizhou with flourishing business. We are high technical enterprise with R&D team, manufacturing and marketing.

We owned NC punching machine, NC cutting machine, NC bending machine, NC plastic mould-shaped machine, etc., With annual capacity 300,000 units of cabinets, 800,000 sets of fiber closures. The complete inspection equipments can assure products quality to meet the international standard.



Management

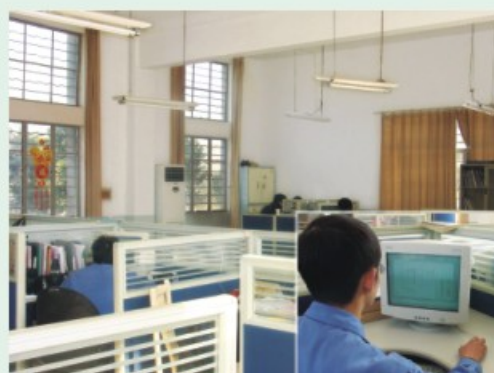
质量管理

公司按照现代企业制度的要求建立了科学的管理体系，通过了ISO9001-2008质量体系认证；建立了覆盖全国二十多个省、市的营销网络，客户分布于电信、移动、联通、广电、部队、公安、电力等领域。并出口波兰、沙特、意大利、马来西亚等欧洲、东亚等地区。

“铸就超前品牌，以质取信天下”是公司追求的永恒目标。公司将秉承“以人为本，创新超前”的经营理念为国内、外客户提供优质、周到的产品服务，和广大客户一起发展，共创世纪辉煌！

We have established scientific management system upon requirements of modern enterprise. Our products are widely used in such areas as Telecom, Mobile, Unicom, CNC, long-distance transmission, CATV and Power Transmission. At the same time, the products are exported to EU, North American, Middle east, Africa, Southeast Asia, Poland, Argentina, India and other countries and areas.

"To erect brand CHAOQIAN, to serve customers with ideal products" is our eternal goal. We persist in "humanist, innovation in advance" management concept and develop towards prosperity together with our clients.



超前人的品质目标是：“**创造完美品质，挑战世界品牌**”

The quality aim of Chaoqian is "create perfect quality, challenge world top brands".

Research and Development

研发团队

公司注重研发团队建设，拥有一支专业的研发队伍，产品多个项目获得了国家专利。主要产品包括光缆接头盒、网络机柜、光纤配线架、光缆配线箱、光缆交接箱、光缆终端盒等多种类别，多个型号的通讯产品。

Our company is focusing on the construction of R&D department, we have a very professional development team. Many products have obtained the state patent. After many year's research, our main products include fiber closure, network cabinet, fiber distribution frame, fiber optic splice cabinet, fiber optic terminal box and so on.



Test ability

检测能力

公司拥有完善的检测设备和科学的检测方法，测试标准能依据 YD/T、ITU、GR 对产品实行有效控制。

Our company has complete test equipments and scientific test methods. To control the products effectively according to test standards of YD/T、ITU、GR.

YD/T

ITU

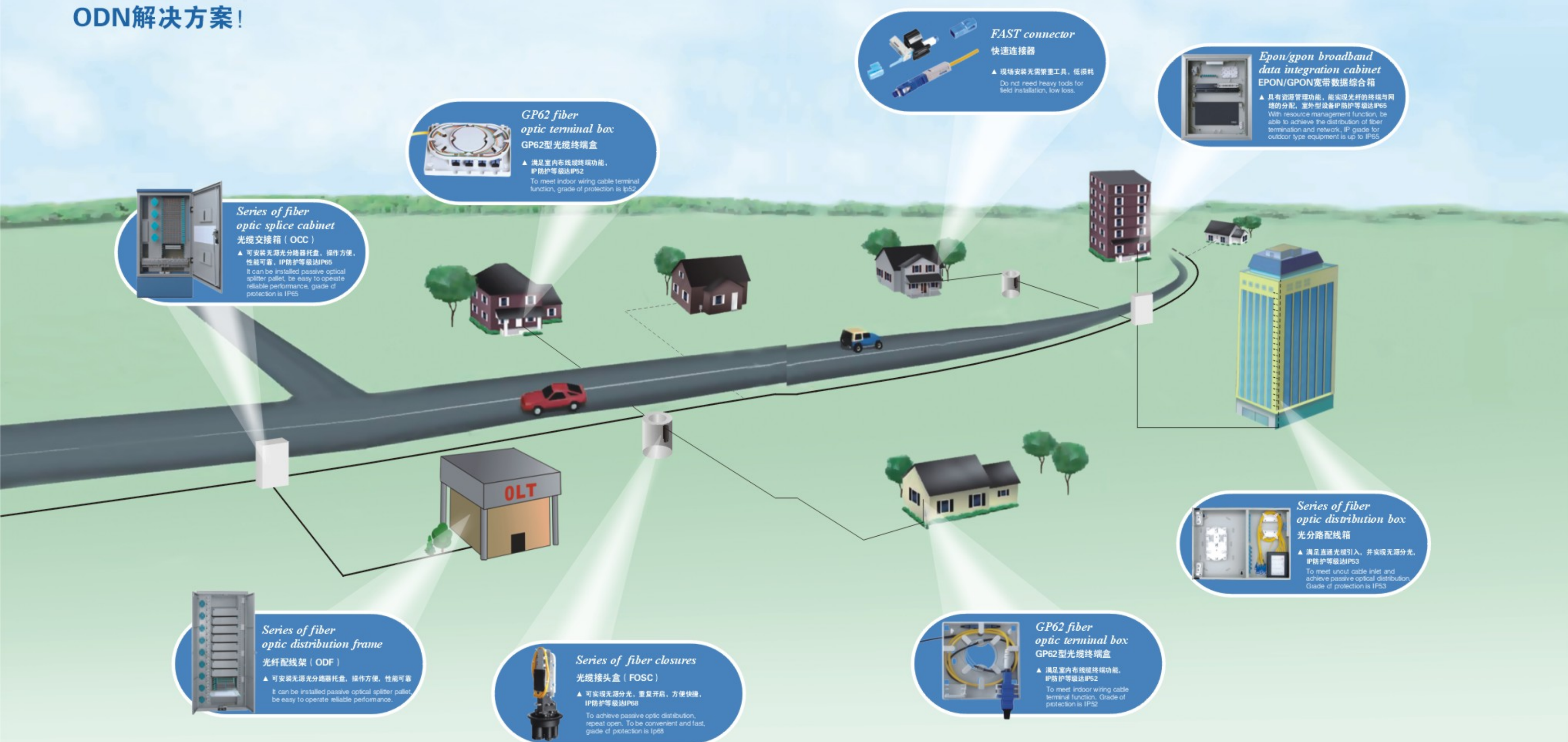
GR

FTTH Expert! ...



ODN for Optical fiber solutions!

ODN解决方案!



FTTH Expert! ...

ODN for Optical fiber solutions!

ODN解决方案!

超前 为您提供FTTx网络的全套ODN产品解决方案。

通过国内外众多实践证明，超前产品在传输系统中稳定、可靠，安全运行。

而且具有安装方便，易于维护的优点。

ODN产品全方位地解决FTTx系统中无源光分的需求，

在不同的节点，均可设置无源光分点，为不同的光纤接入系统提供最适宜的解决方案。

We are providing the full ODN products of FTTx solutions.

Our products are good performance, high reliability, easy to install and maintain.

We try our best to increase the value for your FTTx network!

高性能、低成本、升级能力强……

High reliable performance

Low cost

Upgrade ability in the future...

中心机房产品

ODF

光分路器

跳线管理

Center machine room products

ODF

Optical splitter

Patch cord management

馈线光缆系统产品

光分接头盒

光分交接箱

光分配线箱

光分终端盒

光分路器

Feeder optical cable system products

Optical splitter fiber closure

Optical splitter splice cabinet

Optical splitter distribution box

Optical splitter terminal box

Optical splitter

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A 12 ~ 13

Series of fiber optic distribution frame
光纤配线架

B 14 ~ 15

Series of fiber optic splice cabinet
光缆交接箱

C 16 ~ 27

Series of fiber closures
光缆接头盒

D 28 ~ 29

Series of fiber optic distribution box
光分路配线箱

E 30 ~ 33

GP62-FTTH fiber optic terminal box
GP62型FTTH光缆终端盒

F 34 ~ 35

EPON/GPON broadband data integration cabinet
EPON/GPON宽带数据综合箱

G 36 ~ 37

FAST connector
光纤快速连接器

H 38 ~ 43

PLC Optical splitter
PLC 光分路器

配线光缆系统产品

EPON/GPON网络箱

光缆接头盒

光缆交接箱

ODF

光分终端盒

光分路器

Optic cable distribution system products

EPON/GPON network cabinet

Fiber optic splice closure

Fiber optic splice cabinet

Optical splitter terminal box

Optical splitter

光缆终端系统产品

EPON/GPON网络箱

光缆终端盒

光纤面板

快速连接器

冷接子

Optic cable terminal system products

EPON/GPON network cabinet

Fiber optic terminal box

Fiber panel

FAST connector

Machine connector

Series of fiber optic distribution frame

光纤配线架

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RPS-G32 光分路器托盘
Optical splitter tray



RPS-G32A 光分路器托盘
Optical splitter tray



RPY-7212 单元盒
Fiber management tray



结构特点 CHARACTERS:

1. 封闭式结构，保证光纤不外露，兼顾美观及防尘
 2. 模块化12芯熔配一体式纤盘，操作方便
 3. 可预装各种分光比的PLC光分路器
 4. 全单面操作，全程走线保护，保证光纤曲率半径 $\geq 30\text{mm}$
 5. 适用于带状光缆和非带状光缆可上、下进线
1. The frame adopts enclosed type structure. It could be protecting the optical fibers with dustproof function and neatness of the configuration.
 2. Integrated splice tray with 12F, easy to operate.
 3. It is allowed to preinstall the PLC splitters with various of optical distribution ratios.
 4. Its operation area is on single side. The layout of the line route has protective function for optical fibers and it ensures the curvature radius is $\geq 30\text{mm}$.
 5. It is used for both ribbon and bunch optical fiber cable, with upper or down inlet.

环境温度: $-5^{\circ}\text{C} \sim +60^{\circ}\text{C}$
相对湿度: $\leq 85\%$ ($+30^{\circ}\text{C}$ 时)
耐电压: $3\text{KVdc} / 1\text{min}$ 不击穿, 无飞弧现象
绝缘电阻: $>2 \times 10^4 \text{M}\Omega / 500\text{Vdc}$

Environmental temperature: $-5^{\circ}\text{C} \sim +60^{\circ}\text{C}$
Relative humidity: $\leq 85\%$ (When the temperature is 30°C)
Voltage resistance strength: $3\text{KVdc} / 1\text{min}$, non-puncture, no arc-over
Insulation resistance: $>2 \times 10^4 \text{M}\Omega / 500\text{Vdc}$



12芯一体化纤盘
Integrated splice tray
with 12F



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Series of fiber optic splice cabinet

光缆交接箱



GXF5-53-288F
760mm × 340mm × 1510mm

结构特点 CHARACTERS:

1. 箱体采用不锈钢板制作，彻底解决箱体老化开裂问题
2. 施工后可满足在线扩容
3. 可预装各种分光比的PLC光分路器
4. 模块化12芯熔配一体式纤盘，操作方便
5. 全单面操作，全程走线保护，保证光纤弯曲半径 $\geq 30\text{mm}$
5. 三明治结构，内部可衬保温隔热材料，防结露，隔热效果好
6. IP防护等级：IP65

1. The body of the cabinet is made of stainless steel, prevention from the ageing dehiscence of the cabinet.
2. It is allowed enlarging capacity on line that after constructions.
3. It is allowed to preinstall the PLC splitters with various of optical distribution ratios.
4. Integrated splice tray with 12F, easy to operate.
5. Its operation area is on single side. The layout of the line route has protective function for optical fibers and it ensures the curvature radius is $\geq 30\text{mm}$.
6. It owns the "Sandwich" structure could be placed the adiabatic layer which with the prevention from frost.
7. It is achieved to IP65.



防水设计 Waterproof design

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RPS-G32 光分路器托盘
RPS-G32 optical splitter tray



RPS-G32A 光分路器托盘
RPS-G32A optical splitter tray



GXF5-53-144F

环境温度：-25℃ ~ +60℃
相对湿度：< 95% (40℃时)
大气压力：70 ~ 106KPa
插入损耗：
1.31, 1.55um LD 光源。单模 $\leq 0.18\text{dB}$ 多模 $\leq 0.30\text{dB}$
回波损耗：
1.31, 1.55um LD 光源。
单模PC $\geq 45\text{dB}$ UPC $\geq 50\text{dB}$ APC $\geq 60\text{dB}$
绝缘电阻： $\geq 2 \times 10^4 \text{M}\Omega / 500\text{Vdc}$
耐电压：
3KVdc / 1min不击穿，无飞弧。

Environmental temperature: -25℃ ~ +60℃
Relative humidity: < 95%(When the temperature is 40℃)
Atmospheric pressure: 70 ~ 106KPa
Insertion loss:
1.31, 1.55um LD lamp-house. SM $\leq 0.18\text{dB}$ MM $\leq 0.30\text{dB}$
Return loss:
1.31, 1.55um LD lamp-house.
SM PC $\geq 45\text{dB}$ UPC $\geq 50\text{dB}$ APC $\geq 60\text{dB}$
Insulation resistance: $\geq 2 \times 10^4 \text{M}\Omega / 500\text{Vdc}$
Voltage-resistance strength:
Non-puncture, no arc-over under 3KVdc / 1min

Series of fiber closures

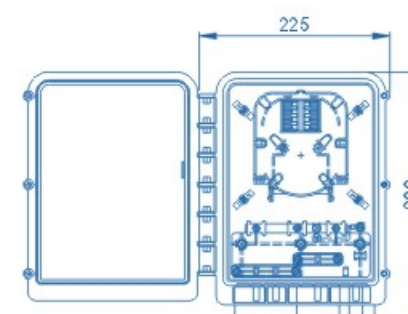
光缆接头盒

特点介绍 CHARACTERS INTRODUCTION:

1. 适用于管道、人井、架空、抱杆、直埋等多种环境场合应用
2. 重复开启方便快捷、无需工具、无重复开启成本
3. 高强度、耐腐蚀、抗冲击的盒体材料，适用于各种恶劣环境应用
4. 可预装各种分光比的PLC光分路器
5. 进出缆口多，单小口可出多根光缆、特别适用于FTTx接入网的使用
6. 光缆密封、盒体密封方便快捷，可靠性高
7. IP防护等级：IP68

1. It is applicable to pipe-lined, aerial, pole-mounting and direct buried installation etc.
2. It is convenience to re-open, no need special tools, no cost for re-open.
3. The box material is high strength, anti-corrosion and anti-impact, it is applicable to various of environments.
4. It is allowed to preinstall the PLC splitters with various of optical distribution ratios.
5. It has numeral cable ports, small ports are used for many pieces of fiber cables, and it is especially for FTTx inlet network.
6. The sealing of fiber cable and whole body is easy and convenient, high reliability.
7. Grade of protection: IP68.

FTTH Expert! ..



1个口密封1根Φ6mm光缆及4根Φ2mm尾纤
One port for 1 piece Φ6mm fiber cable and 4 pieces Φ2 pigtails



3个口密封3根Φ8~15mm光缆
Three ports for 3 pieces fiber cables with the diameter of Φ8 to Φ15mm

1个椭圆口密封1根Φ8~15mm直通光缆
One oval port for 1 piece straight cable with the diameter of Φ8 to Φ15mm



GPJ09-8201

可选择皮线光缆密封件 Optional soft cable sealing elements



17#
密封24根8字形皮线缆
Suitable for sealing 24 pieces of figure 8 soft cable



23#
密封24根Φ3圆形皮线缆
Suitable for sealing 24 pieces of Φ3 soft cable

产品介绍 PRODUCT INTRODUCTION:

1. 体积小，进出缆口多，功能全
 2. 5个常规进出口，1个测试缆口，4根尾纤出口
 3. 独创密封方式荣获国家多项专利，减少操作成本，提高密封稳定性，可多次重复使用
 4. 架空、柱挂、直埋、壁挂、管道敷设方式通用
 5. 在PON技术使用时，可满足不剪断光缆引入及24根8字形皮线缆或Φ3圆形缆引入
1. Small size with numeral cable ports and various of functions.
 2. 5 regular cable ports, 1 testing port, 4 pigtail outlets.
 3. Unique sealing method obtained the state patent, which greatly reduce operation cost, improve the sealing performance and could be reused many times.
 4. Aerial, pole-mounting, direct buried, wall-mounting and pipe-lined applications.
 5. It could be used for uncut cable and 24 pieces of figure 8 or Φ3 circle soft cable in application of PON technology.

Series of fiber closures

光缆接头盒

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光分路接头盒介绍 FIBER OPTICAL SPLITTER CLOSURES INTRODUCTION:

我公司光缆接头盒采用真正意义上的全机械密封结构，无需使用任何其它密封材料，只需选择超前公司的全硫化硅胶密封圈，就能使直径13mm内的光缆密封。密封效果卓越。盒体进缆口设有两个大口，其中一个用于不剪断直通光缆的密封，另一个大口可同时出多根皮线光缆。该接头盒特别适用于高密度居住群PON技术的场所。

- 采用高强度、耐腐蚀的改性MPP材料，使盒体使用寿命更长、密封效果卓越。
- 最大可安装PLC光分路器2：32一只，PLC光分路器2：16两只；
- 最大可安装36只SC适配器（其它形式可订做）；
- 最大可安装SC/PC1.5米尾纤36根；
- 有多种皮线光缆密封组件可选；
- 全机械式密封，重复开启十分方便，密封性能卓越，特别适合光分路器的使用
- 密封结构专利，多次重复封装后密封性能依然稳定可靠；
- 可事先将分路器、尾纤等全部敷设好，只需对光缆进行接续！大大缩短了野外施工的时间，提高工作效率！

The product adopts fully-mechanical sealing structure. It is no need to use any other sealing materials, only using our silicone rubber sealing gasket to ensure the good sealing performance of fiber cable with the diameter within 13mm. There are two big cable entrances in base, one is used for the sealing of uncut straight fiber cable, while another is used for soft cables. It is specially applicable to for high-density living places of PON technology.

- Adopt MPP modified plastic with high strength and anti-corrosion to make the closure have a longer service life-span and excellent sealing performance.
- It can be installed one 2:32 or two 2:16 PLC optical splitters in max.
- It can be installed 36 PCS SC adapters in max (other adapter type can be customized).
- It can be installed 36 PCS SC/PC Pigtailed with 1.5 meters in max.
- There are different soft cable sealing accessories to be chosen.
- It is fully mechanical sealing and convenient to re-open, excellent sealing property, specially suit for optical splitter used.
- Patent of sealing structure makes the closure remain stable and reliable after reinstalled.
- Lay the fiber splitter and pigtail well in advance, it just needs to join the cable which will shorten the installation time at outside and improve the work efficiency.

可选择各种皮线光缆密封件 Optional soft cable sealing elements

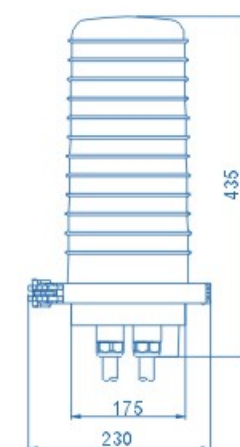


GPJ09L5-BJS系列光分路接头盒

GPJ09L5-BJS series of fiber optical splitter closures



GPJ09L5-BJS2



4个小孔可引入4根Φ6~17.5mm光缆
或多根皮线缆
Four round ports for 4 pieces cables with the diameter of Φ6 to Φ17.5mm or many soft cables



1个大孔可引入Φ6~12
或Φ12~18mm直通光缆
The port for uncut cables with the diameter of Φ6 to Φ12mm or Φ12 to Φ18mm

产品介绍 PRODUCT INTRODUCTION:

产品功能：直通、分歧、无源光分
安装分路器类型：盒式光分路器
分路器安装位置：分路器固定支架
适配器类型：SC型
最大分光比：1:4
纤盘类型：7号纤盘
纤盘数量：3个
可选择出缆类型：
Φ3圆形缆、8字形皮线缆、
自承式皮线缆、两芯管道缆(Φ5~Φ7)

Function: Straight connect / Branch / Passive optical fiber distribution
Optical splitter type: Box splitter
Splitter installation: Fixed support bracket
Adapter: SC type
Max OD ratios: 1:4
Splice tray type: 7#
Splice tray quantity: 3 pcs
Optional optical cables:
Φ3 round cable / figure 8 soft cable
self-support soft cable / 2 fibers pipe cable (Φ5~Φ7)

Series of fiber closures

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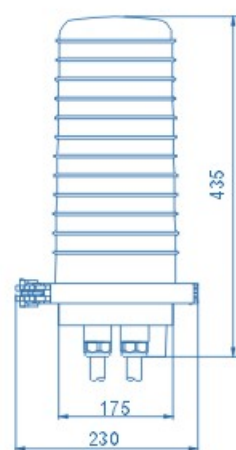
光缆接头盒

GPJ09L5-BJS系列光分路接头盒

GPJ09L5-BJS series of fiber optical splitter closures



GPJ09L5-BJS3



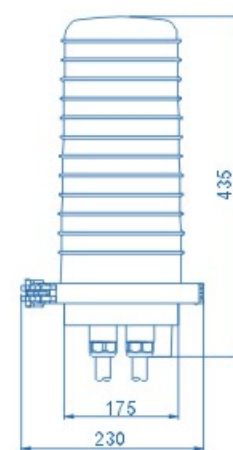
4个小孔可引入4根 $\Phi 6 \sim 17.5\text{mm}$ 光缆
或多根皮线缆
Four round ports for 4 pieces cables with the
diameter of $\Phi 6$ to $\Phi 17.5\text{mm}$ or many soft cables



1个大孔可引入 $\Phi 6 \sim 12$
或 $\Phi 12 \sim 18\text{mm}$ 直通光缆
The port for uncut cables with the diameter
of $\Phi 6$ to $\Phi 12\text{mm}$ or $\Phi 12$ to $\Phi 18\text{mm}$



GPJ09L5-BJS4



4个小孔可引入4根 $\Phi 6 \sim 17.5\text{mm}$ 光缆
或多根皮线缆
Four round ports for 4 pieces cables with the
diameter of $\Phi 6$ to $\Phi 17.5\text{mm}$ or many soft cables



1个大孔可引入 $\Phi 6 \sim 12$
或 $\Phi 12 \sim 18\text{mm}$ 直通光缆
The port for uncut cables with the diameter
of $\Phi 6$ to $\Phi 12\text{mm}$ or $\Phi 12$ to $\Phi 18\text{mm}$

产品介绍 PRODUCT INTRODUCTION:

产品功能：直通、分歧、无源光分
安装分路器类型：微型光分路器
分路器安装位置：7号纤盘内
适配器类型：SC型
最大分光比：2:32或2个2:16
纤盘类型：7号纤盘
纤盘数量：3个
可选择出缆类型：
 $\Phi 3$ 圆形缆、8字形皮线缆
自承式皮线缆、两芯管道缆($\Phi 5 \sim \Phi 7$ 缆)

Function: Straight connect / Branch / Passive optical fiber distribution
Optical splitter type: Micro style
Splitter installation: Inside splice tray
Adapter: SC type
Max OD ratios: 2:32 or 2x2:16
Splice tray type: 7#
Splice tray quantity: 3 pcs
Optional optical cables:
 $\Phi 3$ round cable / figure 8 soft cable
self-support soft cable / 2 fibers pipe cable ($\Phi 5 \sim \Phi 7$ 缆)

产品介绍 PRODUCT INTRODUCTION:

产品功能：直通、分歧、无源光分
安装分路器类型：微型光分路器
分路器安装位置：7号纤盘内
适配器类型：SC型
最大分光比：2:16或2个1:8
纤盘类型：7号纤盘
纤盘数量：3个
可选择出缆类型：
 $\Phi 3$ 圆形缆、8字形皮线缆
自承式皮线缆、两芯管道缆($\Phi 5 \sim \Phi 7$ 缆)

Function: Straight connect / Branch / Passive optical fiber distribution
Optical splitter type: Micro style
Splitter installation: Inside splice tray
Adapter: SC type
Max OD ratios: 2:16 or 2x1:8
Splice tray type: 7#
Splice tray quantity: 3 pcs
Optional optical cables:
 $\Phi 3$ round cable / figure 8 soft cable
self-support soft cable / 2 fibers pipe cable ($\Phi 5 \sim \Phi 7$ 缆)

Series of fiber closures

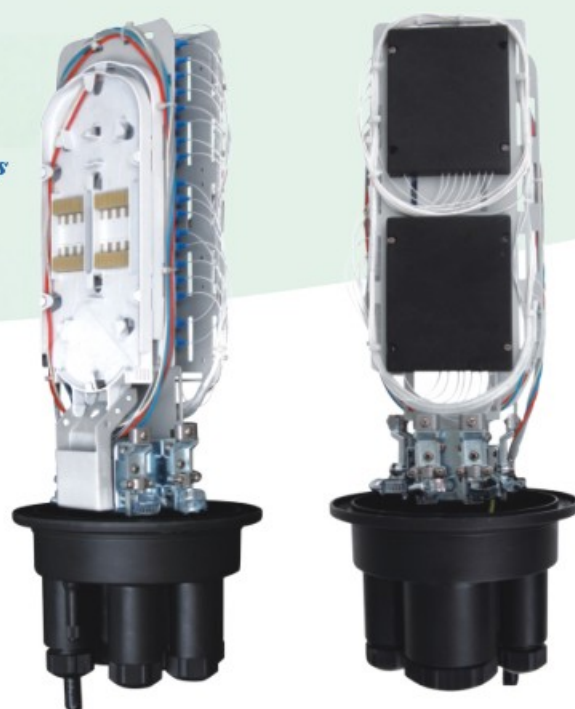
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➤ [Http://www.chaoqian.com](http://www.chaoqian.com) | C

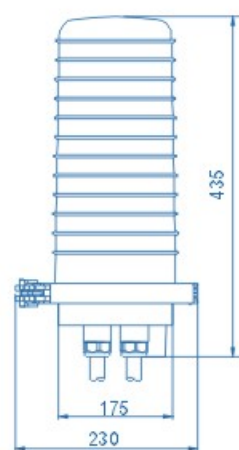
光缆接头盒

GPJ09L5-BJS系列光分路接头盒

GPJ09L5-BJS series of fiber optical splitter closures



GPJ09L5-BJS5



4个小孔可引入4根Φ6~17.5mm光缆
或多根皮线缆
Four round ports for 4 pieces cables with the
diameter of Φ6 to Φ17.5mm or many soft cables



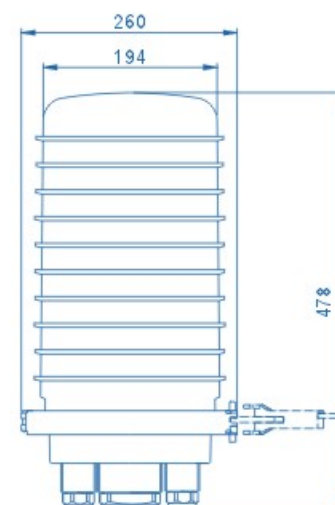
1个大孔可引入Φ6~12
或Φ12~18mm直通光缆
The port for uncut cables with the diameter
of Φ6 to Φ12mm or Φ12 to Φ18mm

GPJ09L6-BJS系列光分路接头盒

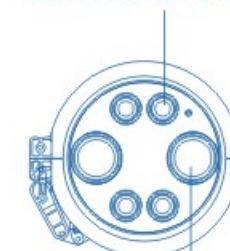
GPJ09L6-BJS series of fiber optical splitter closures



GPJ09L6-BJS1



4个小孔可引入4根Φ6~17.5mm
光缆或多根皮线缆
Four small ports for 4 pieces cables with the
diameter of Φ6~17.5mm or many soft cables



2个大孔可引入Φ12~18mm直通光缆
或多根皮线缆
Two big ports for uncut cables with diameter of
Φ12~Φ18mm or many soft cables

产品介绍 PRODUCT INTRODUCTION:

产品功能：直通、分歧、无源光分
安装分路器类型：盒式光分路器
分路器安装位置：分路器固定支架
适配器类型：SC型
最大分光比：4个1:8
纤盘类型：7号纤盘
纤盘数量：2个
可选择出纤类型：
Φ3圆形缆、8字形皮线缆
自承式皮线缆、两芯管道缆(Φ5~Φ7缆)

Function: Straight connect / Branch / Passive optical fiber distribution
Optical splitter type: Box splitter
Splitter installation: Fixed support bracket
Adapter: SC type
Max OD ratios: 4x1:8
Splice tray type: 7#
Splice tray quantity: 2 pcs
Optional optical cables:
Φ3 round cable / figure 8 soft cable
self-support soft cable / 2 fibers pipe cable (Φ5~Φ7)

产品介绍 PRODUCT INTRODUCTION:

产品功能：直通、分歧、无源光分
安装分路器类型：微型光分路器
分路器安装位置：7号纤盘内
适配器类型：SC型
最大分光比：2:32或2个2:16
纤盘类型：7号纤盘
纤盘数量：5个
可选择出纤类型：
Φ3圆形缆、8字形皮线缆
自承式皮线缆、两芯管道缆(Φ5~Φ7缆)

Function: Straight connect / Branch / Passive optical fiber distribution
Optical splitter type: Micro style
Splitter installation: Inside splice tray
Adapter: SC type
Max OD ratios: 2:32 or 2x2:16
Splice tray type: 7#
Splice tray quantity: 5 pcs
Optional optical cables:
Φ3 round cable / figure 8 soft cable
self-support soft cable / 2 fibers pipe cable (Φ5~Φ7)

Series of fiber closures

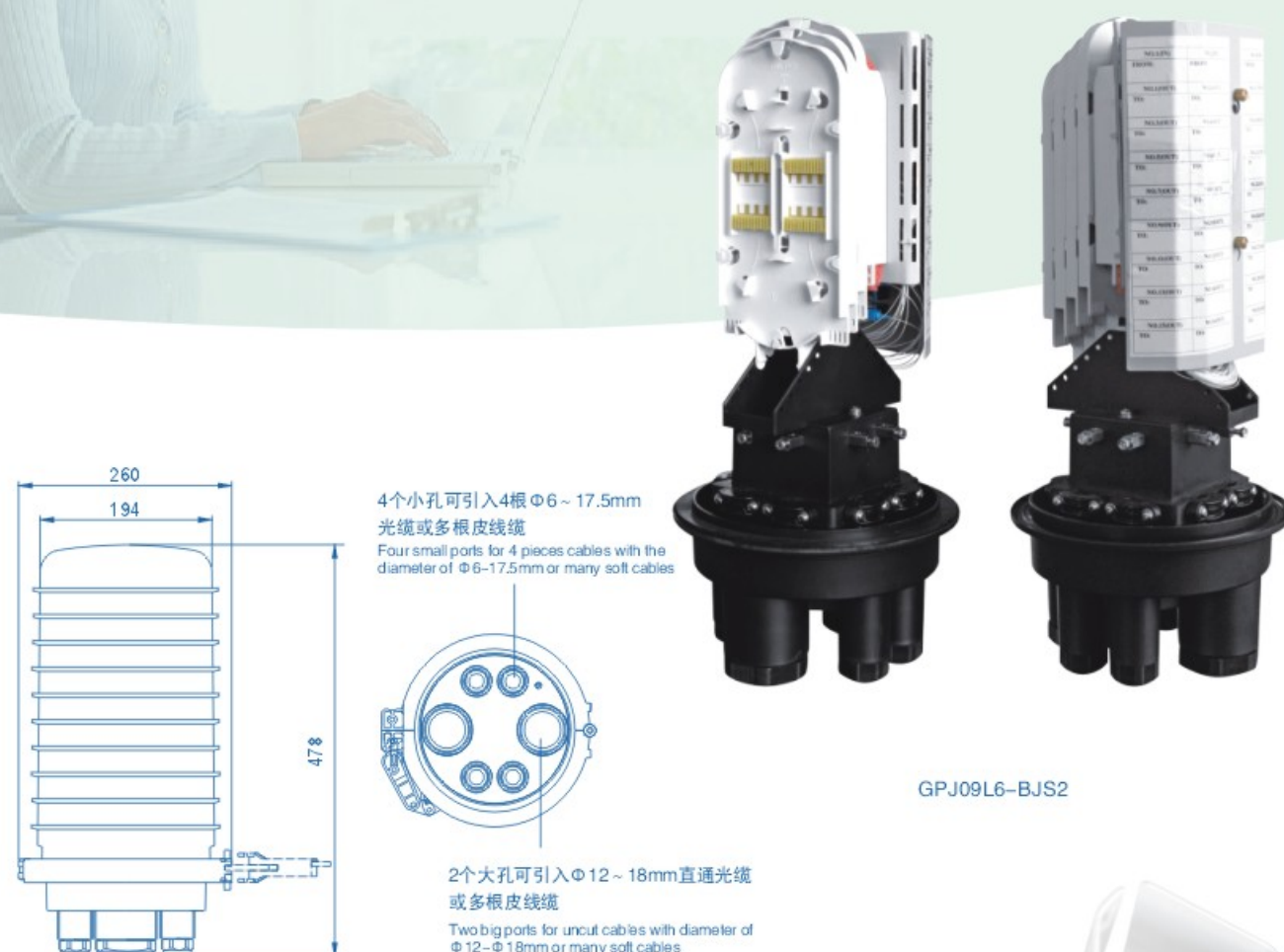
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光缆接头盒

GPJ09L6-BJS系列光分路接头盒

GPJ09L6-BJS series of fiber optical splitter closures



产品介绍 PRODUCT INTRODUCTION:

产品功能：直通、分歧、无源光分
安装分路器类型：微型光分路器
分路器安装位置：分路器固定支架
适配器类型：SC型
最大分光比：2:32或2个2:16
纤盘类型：7号纤盘
纤盘数量：5个
可选择出缆类型：
Φ3圆形缆、8字形皮线缆
自承式皮线缆、两芯管道缆(Φ5-Φ7)

Function: Straight connect / Branch / Passive optical fiber distribution
Optical splitter type: Micro style
Splitter installation: Fixed support bracket
Adapter: SC type
Max OD ratios: 2:32 or 2x2:16
Splice tray type: 7#
Splice tray quantity: 5 pcs
Optional optical cables:
Φ3 round cable / figure 8 soft cable
self-support soft cable / 2 fibers pipe cable (Φ5-Φ7)

产品介绍 PRODUCT INTRODUCTION:

产品功能：直通、分歧、无源光分
安装分路器类型：裸纤式光分路器
分路器安装位置：7号纤盘内
适配器类型：SC型
最大分光比：2:16
纤盘类型：7号纤盘
纤盘数量：5个
可选择出缆类型：
Φ3圆形缆、8字形皮线缆
自承式皮线缆、两芯管道缆(Φ5-Φ7)

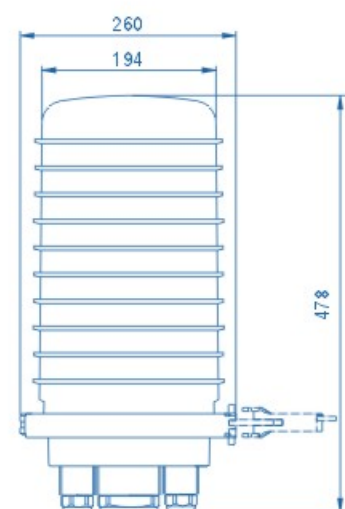
Function: Straight connect / Branch / Passive optical fiber distribution
Optical splitter type: Bare fiber splitter
Splitter installation: Inside splice tray
Adapter: SC type
Max OD ratios: 2:16
Splice tray type: 7#
Splice tray quantity: 5 pcs
Optional optical cables:
Φ3 round cable / figure 8 soft cable
self-support soft cable / 2 fibers pipe cable (Φ5-Φ7)

Series of fiber closures

光缆接头盒

GPJ09L6-BJS系列光分路接头盒

GPJ09L6-BJS series of fiber optical splitter closures



4个小孔可引入4根Φ6~17.5mm
光缆或多根皮线缆
Four small ports for 4 pieces cables with the
diameter of Φ6-17.5mm or many soft cables



2个大孔可引入Φ12~18mm直通光缆
或多根皮线缆
Two big ports for uncut cables with diameter of
Φ12-Φ18mm or many soft cables

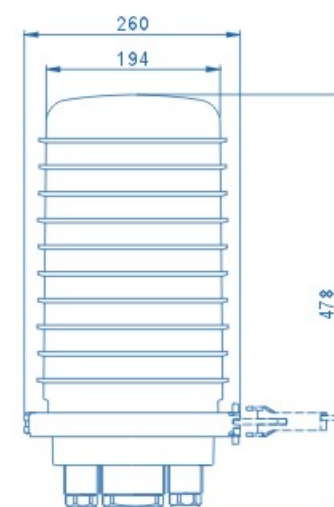
GPJ09L6-BJS4



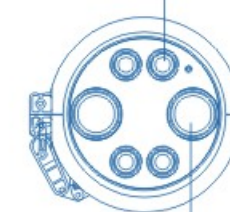
产品介绍 PRODUCT INTRODUCTION:

产品功能：直通、分歧、无源光分
安装分路器类型：微型光分路器
分路器安装位置：分路器固定支架
适配器类型：SC型
最大分光比：2:32或2个2:16
纤盘类型：7号纤盘
纤盘数量：5个
可选择出缆类型：Φ3圆形缆、8字形皮线缆、自承式皮线缆、两芯管道缆(Φ5~Φ7缆)

Function: Straight connect / Branch / Passive optical fiber distribution
Optical splitter type: Micro style
Splitter installation: Fixed support bracket
Adapter: SC type
Max OD ratios: 2:32 or 2x2:16
Splice tray type: 7#
Splice tray quantity: 5 pcs
Optional optical cables: Φ3 round cable / figure 8 soft cable self-support soft cable / 2 fibers pipe cable (Φ5~Φ7)



4个小孔可引入4根Φ6~17.5mm
光缆或多根皮线缆
Four small ports for 4 pieces cables with the
diameter of Φ6-17.5mm or many soft cables



2个大孔可引入Φ12~18mm直通光缆
或多根皮线缆
Two big ports for uncut cables with diameter of
Φ12-Φ18mm or many soft cables

GPJ09L6-BJS5



产品介绍 PRODUCT INTRODUCTION:

产品功能：直通、分歧、无源光分
安装分路器类型：盒式光分路器 (TAP模块)
分路器安装位置：分路器固定支架
适配器类型：SC型
最大分光比：1:8
纤盘类型：7号纤盘
纤盘数量：4个
可选择出缆类型：4.5×8.2扁平缆、Φ11.2铠装缆

Function: Straight connect / Branch / Passive optical fiber distribution
Optical splitter: Boxed splitter (TAP module)
Splitter installation: Fixed support bracket
Adapter: SC type
Max OD ratios: 1:8
Splice tray No.: 7#
Splice tray quantity: 4 pcs
Optional optical cables: Φ11.2 armored cable / 4.5x8.2 flat cable

Series of fiber optic distribution box

光分路配线箱



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GXF6-15N8S

产品介绍 PRODUCT INTRODUCTION:

1. 本产品适合于楼道壁挂式安装
 2. 优质冷轧钢板制造
 3. 箱体设计轻巧灵活，特别适用于PON技术光分配网大楼的使用
 4. 箱体满足不剪断直通光缆的使用
 5. 适用于SC适配器的安装与使用
 6. 可安装各种分光比的PLC光分路器
1. It could be used for wall-mounting application.
 2. Use finest cold-rolled steel
 3. The design of box is light and compact which is especially for building with PON project.
 4. It could be used for direct transmission of uncut cable.
 5. Suitable for installation and usage of SC adapter.
 6. It is applicable for various of PLC splitter.

产品功能：直通、分歧、无源光分
安装分路器类型：盒式光分路器
分路器安装位置：分路器固定支架
适配器类型：SC型
最大分光比：2:32或2个2:16
纤盘类型：3号纤盘
纤盘数量：2个
可选择出缆类型：
8字形皮线缆、普通室外缆、室内布线缆
外型尺寸：520×380×80

Function: Straight connect / Branch / Passive optical fiber distribution
Optical splitter type: Box splitter
Splitter installation: Fixed support bracket
Adapter: SC type
Max OD ratios: 2:32 or 2x2:16
Splice tray type: 3#
Splice tray quantity: 2 pcs
Optional optical cables:
figure 8 soft cable / general outdoor cable / indoor wiring cable
Dimension: 520x380x80mm



32根皮线光缆出口
The outlets for 32 pieces soft cables



GXF6-15N5S

产品介绍 PRODUCT INTRODUCTION:

1. 高强度工程塑料箱体，箱体设计轻巧灵活
 2. 箱体设有明线、暗线进线孔，满足不同施工需求
 3. 适用于SC适配器，快捷连接器的安装使用
 4. 可预装各种分光比的PLC光分路器，最大可达2：32或4个1：8，特别适用于PON技术FTTx光纤接入的使用
1. The box is made of the high strength engineering plastics, with compacted size and light weight.
 2. It has inlet holes for both open and concealed wires, to meet various applications.
 3. It is allowed to install and usage of SC adapter and fast connector.
 4. It is allowed to preinstall the PLC splitters with the maximum optical distribution ratios 2:32 or 4x1:8, specially suitable for FTTx fiber inlet in PON technique.

产品功能：直通、分歧、无源光分
安装分路器类型：微型光分路器
分路器安装位置：分路器固定支架
适配器类型：SC型（FAST）
最大分光比：2:32或4个1:8
纤盘类型：10号纤盘
纤盘数量：5个
可选择出缆类型：
8字形皮线缆、普通室外缆、室内布线缆
外型尺寸：240×135×280

Function: Straight connect / Branch / Passive optical fiber distribution
Optical splitter type: Micro style
Splitter installation: Fixed support bracket
Adapter: SC type (FAST)
Max OD ratios: 2:32 or 4x1:8
Splice tray type: 10#
Splice tray quantity: 5 pcs
Optional optical cables:
figure 8 soft cable / general outdoor cable / indoor wiring cable
Dimension: 240x135x280mm



GP62 fiber optic terminal box

GP62型光缆终端盒



产品介绍 PRODUCT INTRODUCTION:

1. 适合于室内外壁挂安装
2. 适用于最多8个SC适配器的安装与使用
3. 直熔尾纤最大容量为12芯
4. 可预装1:8以下PLC光分路器, 适合各种光缆的使用, 盒体可上锁
5. IP防护等级: IP65

1. It is applicable to wall-mounted for indoor and outdoor.
2. It is suitable for 8 pieces SC adapters installation and usage.
3. The max. capacity is 12 fibers for pigtail direct fusion.
4. It is allowed to preinstall PLC optical splitter with the max. optical distribution ratios 1:8, and the box can be locked.
5. It is achieved to IP65.



光缆引入防水设计
Optical water proof design

产品功能: 光缆终端、无源光分
安装分路器类型: 微型光分路器
分路器安装位置: 分路器固定支架
适配器类型: SC型 (FAST)
最大分光比: 1:8
可选择进出缆类型:
8字形皮线缆、普通室外缆、室内布线缆
外型尺寸: 220 × 180 × 50

Function: Termination of optical fiber / Passive optical fiber distribution
Optical splitter type: Micro style
Splitter installation: Fixed support bracket
Adapter: SC type (FAST)
Max OD ratios: 1:8
Optional optical cables:
figure 8 soft cable / general outdoor cable / indoor wiring cable
Dimension: 220 × 180 × 50mm



GP62FN-I

产品介绍 PRODUCT INTRODUCTION:

1. 适合于壁挂安装和机架式安装
2. 盒体采用“自卡式”结构, 盒体开合简单方便
3. 适用于SC, FC, E2000适配器的安装与使用
4. 光纤最大容量为4芯
5. IP防护等级: IP52

1. This box could be used for wall-mounted and rack-mounted applications.
2. The base and cover of the box adopts "self-clip" method, which is easy and convenient to open and close.
3. Could be used for adaptors such as SC, FC, E2000.
4. The max capacity is 4 fibers.
5. It is achieved to IP52.

产品功能: 光缆终端
适配器类型: SC、FC、E2000
可选择进出缆类型: 室内布线缆
外型尺寸: 150 × 110 × 30mm

Function: Termination of optical fiber
Adapter: SC、FC、E2000
Optical cable: General indoor wiring cable
Dimension: 150x110x30mm

GP62 fiber optic terminal box

GP62型光缆终端盒



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产品介绍 PRODUCT INTRODUCTION:

1. 标准86型面板，特别适合FTTO/FTTD用户使用
2. 可安装L型光纤插座及快速连接插座、SC型适配器
3. 适配器向下，避免激光灼伤眼睛

1. It is the standard 86 type panel which especially suits family use in FTTO / FTTD.
2. It can be installed L-type optical jack, fast connective jack, SC adapter.
3. The adapter towards down which avoid the laser to inject into the eye directly.

产品功能：光缆终端

适配器类型：SC型（FAST）

连接方式：热熔、冷接、现场快接

适用光缆类型：8字形皮线缆、室内布线缆

外型尺寸：86×45×86

Function: Termination of optical fiber

Adapter: SC type (FAST)

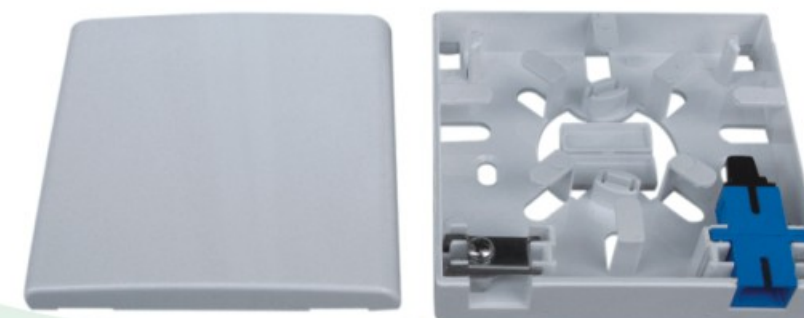
Connection method: heat splicing / machine connection / field fast connection

Optical cable: figure 8 soft cable / indoor wiring cable

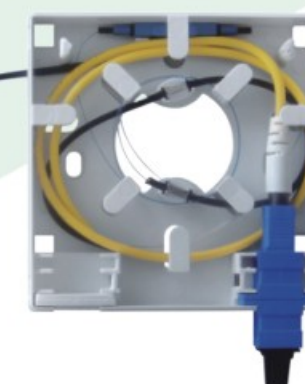
Dimension: 86x45x86mm



GP62FN-II



GP62FN-III



产品介绍 PRODUCT INTRODUCTION:

1. 适用于FTTH、FTTO、FTTD等场合
2. 盒盖扣接设计大大降低了安装强度，薄型盒体，与其它A86电器接线盒面板相匹配，并满足光缆的明暗布线
3. 配合FC条型光纤适配器产品，使用户可选的光纤接口形式更多，SC、LC、SC-FC皆可使用
4. 盒内的大直径绕线柱从根本上对盒内光纤起到全方位保护

1. It is applicable for FTTH, FTTO and FTTD, etc.
2. The clasp design of the cover has greatly reduced the installation strength. It is very thin and matches with other A86 panels in homes, and also meet the open or concealed cabling for optical cables.
3. Coordinating with FC strip-type optical adapter, it generates more options in term of fiber interfaces for users, SC, LC and SC/FC are all available.
4. The big-diametered wrapping post in the box protects radically in an omnibearing way.

产品功能：光缆终端

适配器类型：SC、LC、SC-FC

连接方式：现场快接

适用光缆类型：8字形皮线缆、室内布线缆、室外普通缆

外型尺寸：86×27×86

Function: Termination of optical fiber

Adapter: SC, LC, SC-FC

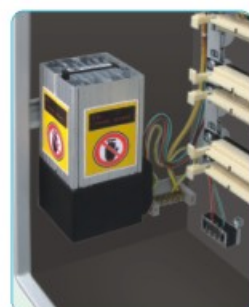
Connection method: field fast connection

Optical cable: figure 8 soft cable / general outdoor cable / indoor wiring cable

Dimension: 86x27x86mm

EPON/GPON broadband data integration cabinet

EPON/GPON宽带数据综合箱



PTC制热器 (保温模式)
PTC heater (keep temperature mode)



SPX2-20-03

可引入光缆根数: 1根
可安装设备空间: 3U
语音模块线数: 600回线
电源插口数: 3位

Inlet cable: 1 piece
Equipment installed space: 3U
Voice module lines: 600 loops
Power socket outlet: 3 positions

产品介绍 PRODUCT INTRODUCTION:

1. 箱体具备防护功能, 并能抵御意外或恶性破坏
 2. 具备光缆的固定保护功能
 3. 具备资源管理功能, 能方便迅速地调度改变传输系统的路由
 4. 具备设备安装功能, 箱体内可安装2台1U的DSLAM、以太网交换机、ONU等设备
 5. 具备供电功能, 提供万能插孔的电源插排
 6. 电源插座、空气开关具有电涌防护装置, 有效防止雷击破坏箱体内部设备
 7. 在寒冷地区可选配安装PTC加热器
 8. 可根据需求安装隔热层
1. The cabinet provides protective function, which can resist accidents or vicious damage.
 2. It has the fixed protection function of cable.
 3. It has resource management function, which can be convenient and quick to change the transmission system route.
 4. It has the equipment installation feature, which can be installed 2 sets facilities of 1U like DSLAM, Ethernet Switch, ONU and so on.
 5. It has power supply function, which will provide power box with all-purpose jack.
 6. The power outlet and air switch have surge protective device, which prevent inner facilities from thunder impact effectively
 7. PTC heater can be optional in cold areas.
 8. It can be installed insulation lagging depending on user's request.



SPX2-20-12

可引入光缆根数: 1根
可安装设备空间: 3U
语音模块线数: 300回线
电源插口数: 3位

Inlet cable: 1 piece
Equipment installed space: 3U
Voice module lines: 300 loops
Power socket outlet: 3 positions



SPX2-20-02

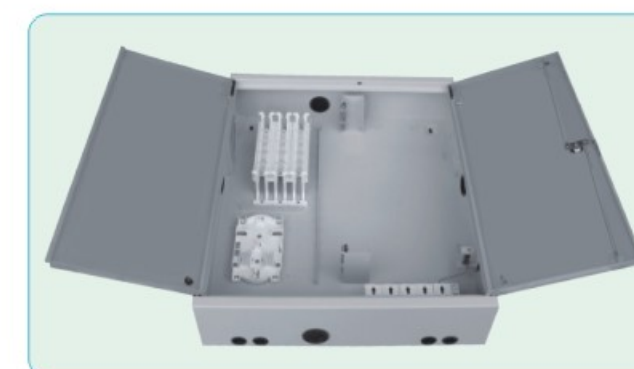
可引入光缆根数: 2根
可安装设备空间: 3U
语音模块线数: 300回线
电源插口数: 3位

Inlet cable: 2 pieces
Equipment installed space: 3U
Voice module lines: 300 loops
Power socket outlet: 3 positions

SPX2-20-01

可引入光缆根数: 2根
可安装设备空间: 2U
语音模块线数: 150回线
电源插口数: 6位

Inlet cable: 2 pieces
Equipment installed space: 2U
Voice module lines: 150 loops
Power socket outlet: 6 positions





FAST-SC-I 连接器普通型
Ordinary connector

用途和特点 CHARACTERS:

1. 用于现场安装的高可靠性连接器
2. 无需研磨
3. 操作工具小巧、轻便
4. 适合250 μm和900 μm保护层的光纤
5. 与标准SC光纤连接器/适配器完全兼容
6. 接头损耗 < 0.5dB, 反射损耗 > 40dB
7. 抗拉强度 > 3N, 受力时附加损耗 ≤ 0.2dB

1. High reliability connector suitable for field installation.
2. Do not need grinding.
3. Operating tool is small and light.
4. Suitable for fiber of 250 μm and 900 μm protective layer.
5. Completely compatible with standard SC fiber connector/adaptor.
6. Splicing loss < 0.5 dB, reflection loss > 40 dB.
7. Tensile strength > 3 N, additional loss by force ≤ 0.2 dB.

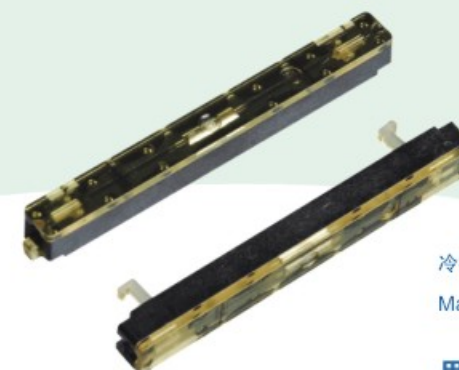


FAST-SC-II 连接器皮线光缆型
Soft cable connector

用途和特点 CHARACTERS:

1. 用于现场安装的高可靠性连接器
2. 无需研磨
3. 操作工具小巧、轻便
4. 快速和易于操作
5. 适合2悬挂线光缆直接成端
6. 与标准SC光纤连接器/适配器完全兼容
7. 接头损耗 < 0.5dB, 反射损耗 > 40dB
8. 抗拉强度 > 10N, 受力时附加损耗 ≤ 0.2dB

1. High reliability connector suitable for field installation.
2. Do not need grinding.
3. Operating tool is small and light.
4. Quick and easy to operate.
5. Suitable for directly joining with hanging cable.
6. Completely compatible with standard SC fiber connector/adaptor.
7. Splicing loss < 0.5 dB, reflection loss > 40 dB.
8. Tensile strength > 3 N, additional loss by force ≤ 0.2 dB.



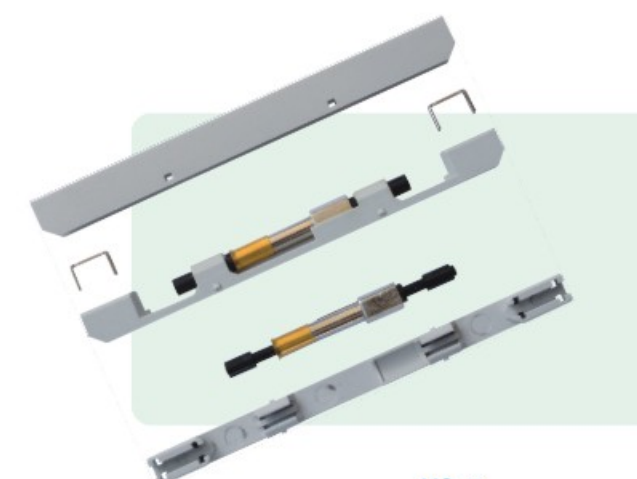
MC-I

冷接子
Machine connector

用途和特点 CHARACTERS:

1. 为两根光纤提供可靠的连接
2. 适合SM/MM光纤
3. 连接器尺寸 (mm) : 40×4×4 (长×宽×高)
4. 操作工具小巧、轻便、低成本
5. 配专用光纤切割夹具, 确保光纤精确定位, 清除人为因素影响
6. 低损耗 (平均 ≤ 0.2dB)

1. Provide two fibers with reliable connection.
2. Suitable for SM/MM fiber.
3. Connector dimension (mm) : 40×4×4 (L×W×H)
4. Operating tool is small and light, low cost.
5. Matched special fiber cutting fixture makes fiber fix exactly without anthropogenic factor.
6. Low loss (Average ≤ 0.2dB)



MC-II

冷接子
Machine connector

用途和特点 CHARACTERS:

1. 独特的箱砌式压接技术
2. 精密金属合金元件同轴自对准, 优异持久光学性能
3. 光纤轴向牢固贴合, 减少由于匹配液流失造成的性能下降
4. 无间断贴合连接技术, 保证信号传输
5. 裸纤、紧包层、尾纤三重夹紧, 可充分满足终端客户的环境要求
6. 一体化外壳防护, 可在户外长期使用
7. 高安装成功率和安装方便性, 平均接续时间150秒
8. 可用于FTTx光纤接续以及修复损坏的线路, 实现光纤接续牢固、可靠

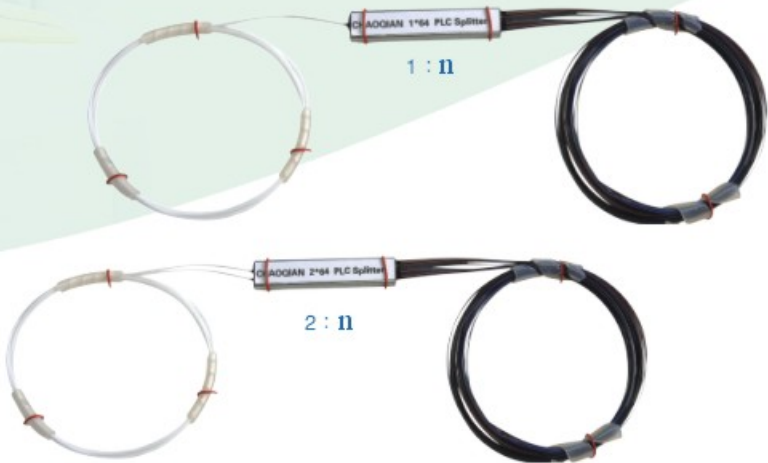
1. Special box-building crimping technology.
2. Precision metallic alloy components with co-axial self core, excellent and durable optical property.
3. Axially firm fitting of optical fibers, reducing any performance degradation due to loss in the matching gel.
4. Uninterrupted fitting and connecting technology, ensure the signal transmission.
5. The naked fiber, tight buffer and cable fully meet the environmental requirements from terminal customers.
6. Integrated protection of the case can be long-term use in outdoor.
7. High success rate and convenience in installation with average splicing time of 150s.
8. Applicable for FTTx optical fiber splicing and for repairing any damaged lines to realize firm and reliable splicing of fibers.

PLC Optical splitter

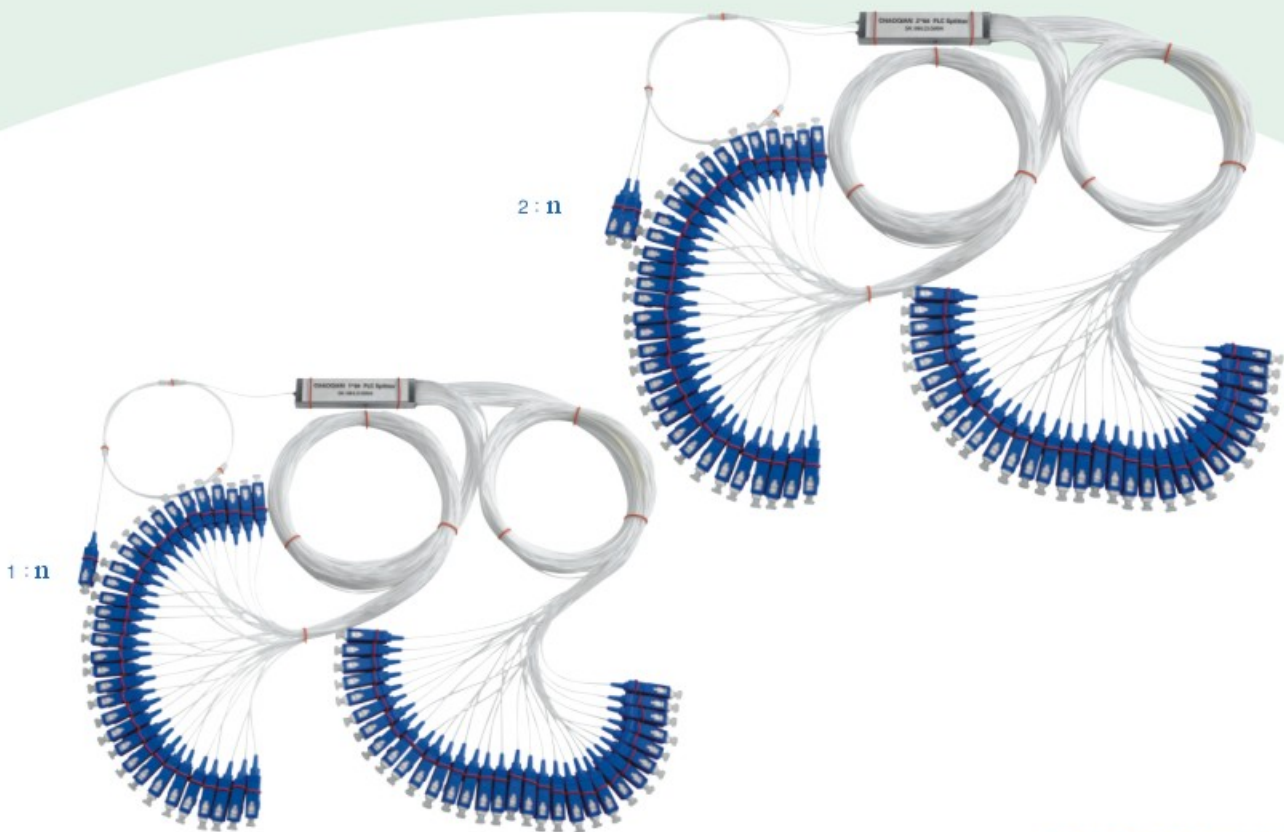


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PLC 光分路器



平面波导型裸光纤光分路器
Plane waveguide mode optical splitter with bare fiber



微型式平面波导型光分路器
Micro-style plane waveguide mode optical splitter module

性能指标 PERFORMANCE TIP:

技术参数 Technical index	规格 Specifications					
工作波长 (nm) Operating wavelength	1260~1650					
类型 Type	1×4	1×8	1×16	1×32	1×64	2×32
最大插入损耗 (dB) Max insert loss	≦7.3	≦10.5	≦13.7	≦16.9	≦21.0	≦17.5
最大均匀性 (dB) Max homogeneity	≦0.6	≦0.8	≦1.2	≦1.5	≦2.5	≦2.5
最大偏振损耗 (dB) Max PDL	≦0.2	≦0.3	≦0.3	≦0.3	≦0.4	≦0.4
封装尺寸 (高×宽×长) (mm) Package dimension (H×W×L)	4x4x40	4x4x40	4x4x40	4x7x50	4x12x60	4x7x60
回波损耗 (dB) Return loss	>50					
方向性 (dB) Directivity	>55					
工作温度 (℃) Operating temperature	0 ~ +70					
储存温度 (℃) Storage temperature	-40 ~ +85					

性能指标 PERFORMANCE TIP:

技术参数 Technical index	规格 Specifications					
工作波长 (nm) Operating wavelength	1260~1650					
类型 Type	1×4	1×8	1×16	1×32	1×64	2×32
最大插入损耗 (dB) Max insert loss	≦7.5	≦10.7	≦13.9	≦17.1	≦21.2	≦17.7
最大均匀性 (dB) Max homogeneity	≦0.6	≦0.8	≦1.2	≦1.5	≦2.5	≦2.5
最大偏振损耗 (dB) Max PDL	≦0.2	≦0.3	≦0.3	≦0.3	≦0.4	≦0.4
封装尺寸 (高×宽×长) (mm) Package dimension (H×W×L)	4x12x60	4x12x60	6x20x80	6x20x80	6x20x80	6x20x80
回波损耗 (dB) Return loss	>50					
方向性 (dB) Directivity	>55					
工作温度 (℃) Operating temperature	0 ~ +70					
储存温度 (℃) Storage temperature	-40 ~ +85					

PLC Optical splitter

PLC 光分路器



平面波导型尾纤式光分路器
Plane waveguide mode optical splitter with pigtails

性能指标 PERFORMANCE TIP:

技术参数 Technical index	规格 Specifications					
工作波长 (nm) Operating wavelength	1260~1650					
类型 Type	1×4	1×8	1×16	1×32	1×64	2×32
最大插入损耗 (dB) Max insert loss	≦7.5	≦10.7	≦13.9	≦17.1	≦21.2	≦17.7
最大均匀性 (dB) Max homogeneity	≦0.6	≦0.8	≦1.2	≦1.5	≦2.5	≦2.5
最大偏振损耗 (dB) Max PDL	≦0.2	≦0.3	≦0.3	≦0.3	≦0.4	≦0.4
封装尺寸 (高×宽×长) (mm) Package dimension (H×W×L)	9x80x100	9x80x100	18x80x120	18x114x140	18x114x140	18x114x140
回波损耗 (dB) Return loss	>50					
方向性 (dB) Directivity	>55					
工作温度 (℃) Operating temperature	0 ~ +70					
储存温度 (℃) Storage temperature	-40 ~ +85					



平面波导型号支架式光分路器
Plane waveguide mode optical splitter with brackets

性能指标 PERFORMANCE TIP:

技术参数 Technical index	规格 Specifications					
工作波长 (nm) Operating wavelength	1260~1650					
类型 Type	1×4	1×8	1×16	1×32	1×64	2×32
最大插入损耗 (dB) Max insert loss	≦7.5	≦10.7	≦13.9	≦17.1	≦21.2	≦17.9
最大均匀性 (dB) Max homogeneity	≦0.6	≦0.8	≦1.2	≦1.5	≦2.5	≦2.5
最大偏振损耗 (dB) Max PDL	≦0.2	≦0.3	≦0.3	≦0.3	≦0.4	≦0.4
封装尺寸 (高×宽×长) (mm) Package dimension (H×W×L)	4x4x40	4x4x40	4x4x40	4x7x50	4x12x60	4x7x60
回波损耗 (dB) Return loss	>50					
方向性 (dB) Directivity	>55					
工作温度 (℃) Operating temperature	0 ~ +70					
储存温度 (℃) Storage temperature	-40 ~ +85					

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