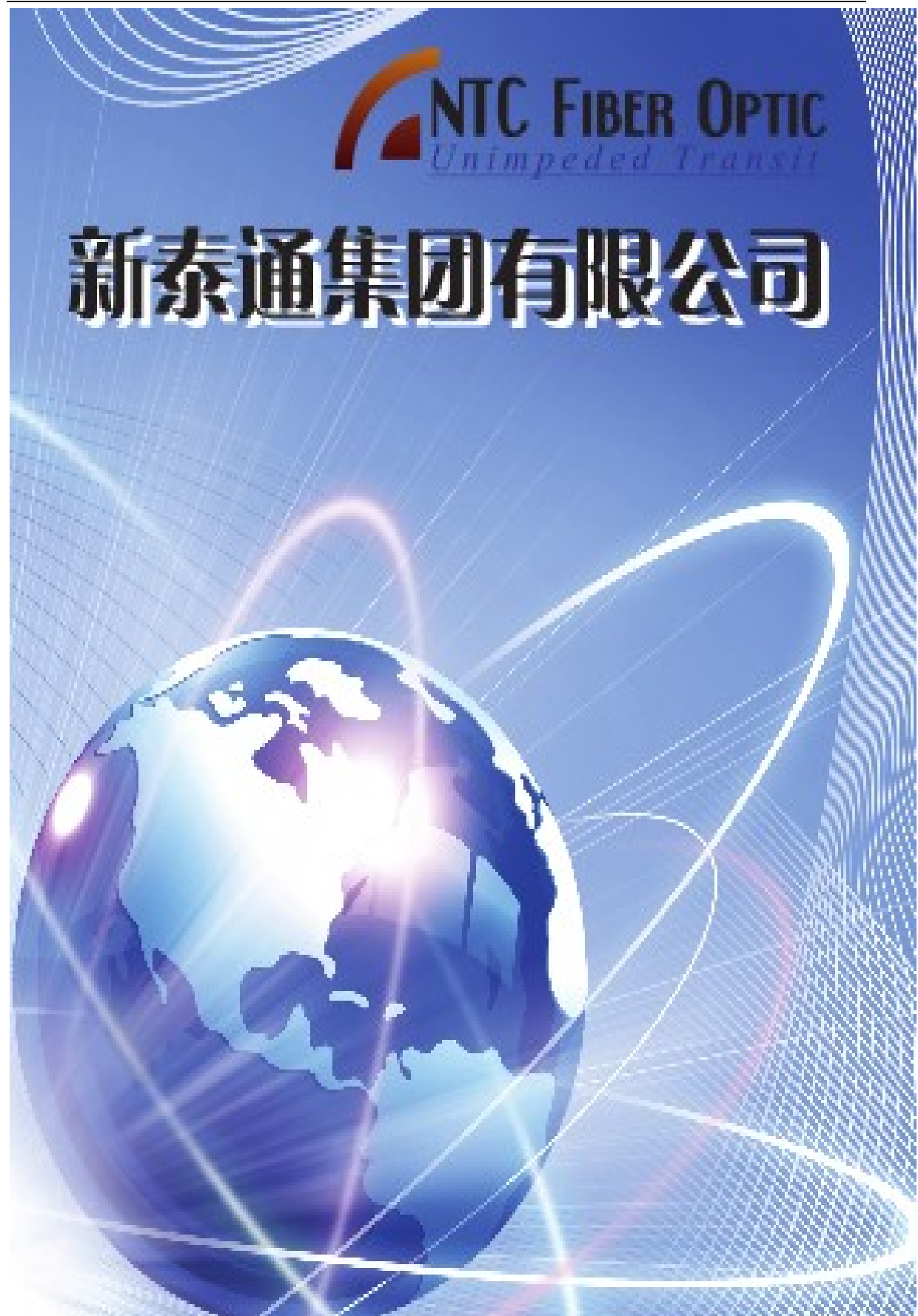
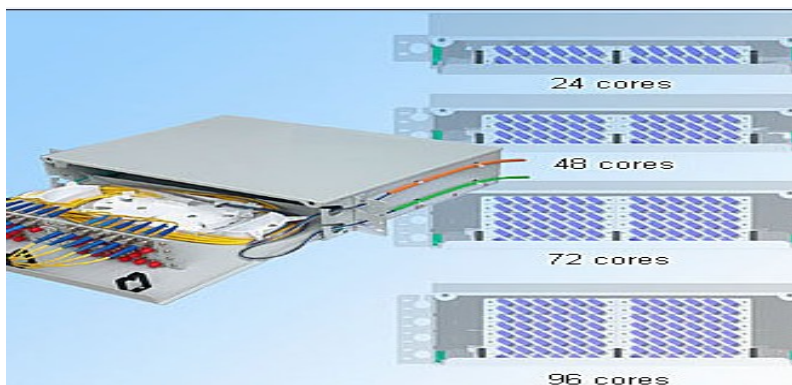
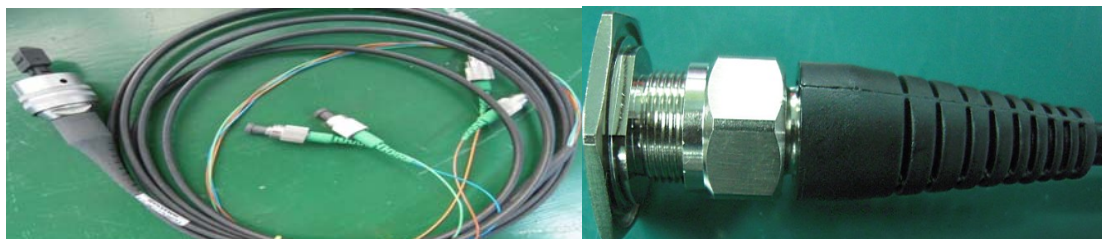
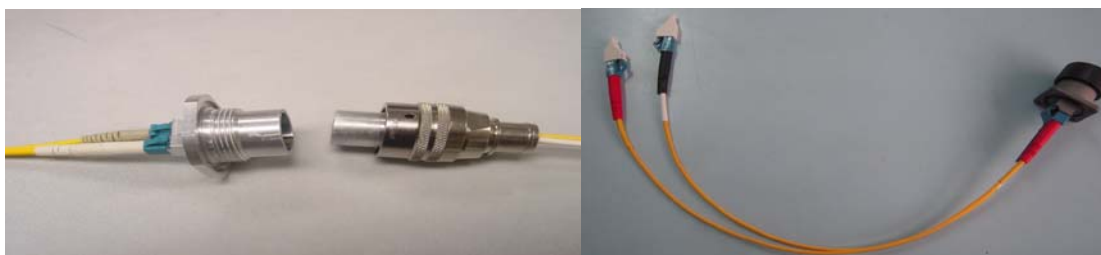






特殊光纤连接 Special cable assembly

【特性】

- ◆低插入损耗值(<0.8dB)，高反射损耗值(>55dB)
- ◆性能稳定，可靠性高，可通过 500 次重复性测试
- ◆连结头尺寸精密
- ◆极佳的机械性能，符合 GR-326-CORE 机械测试标准
- ◆MT-LC 及 NT-LC 满足 GR-3120-CORE 防渗漏测试

【Features】

- ◆Low insertion loss (<0.8dB) and high return loss(>55dB)
- ◆Stable capability and high reliability which can pass 500times durability testing
- ◆Precise connecting
- ◆Excellent mechanical capability which comply with GR-326-CORE machnical testing requirements

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◆MT-LC 及 NT-LC pass GR-3120-CORE leaking resistance testing



Fiber Array Microscope

香港新泰通科技有限公司的新根据光学原理自己生产的多用途光纤阵列放大器具有低价高品质的特征，极易操作和调节，具有多种可自由互换的夹具（LC，SC，MPO，ST，SMA，ODC）可供选择。

NTC makes new type fiber array microscope tester owns high quality and lowest price. It can be used easily and flexibly with different exchanged testing heads such as LC,SC,MPO,ST,SMA and ODC,etc.

【特性】

※可调夹具适合 1mm-15mm 宽度的光纤阵列

※X,Y 方向上可调

※5X,10X,20X,40X 物镜

※高清晰度 CCD 成像

【Features】

※Adjustable Fixture works with Arrays from 1mm to 15mm wide

※Fully Adjustable X-Y Stage

※Long Working Distance 5x,10x,20x and 40x inspection lens

※Hi Resolution Monochrome CCD Camera or Digital Camera

※Re-movable Stainless Steel Stop

※ Made in China with lowest price and high quality including adjusting ways

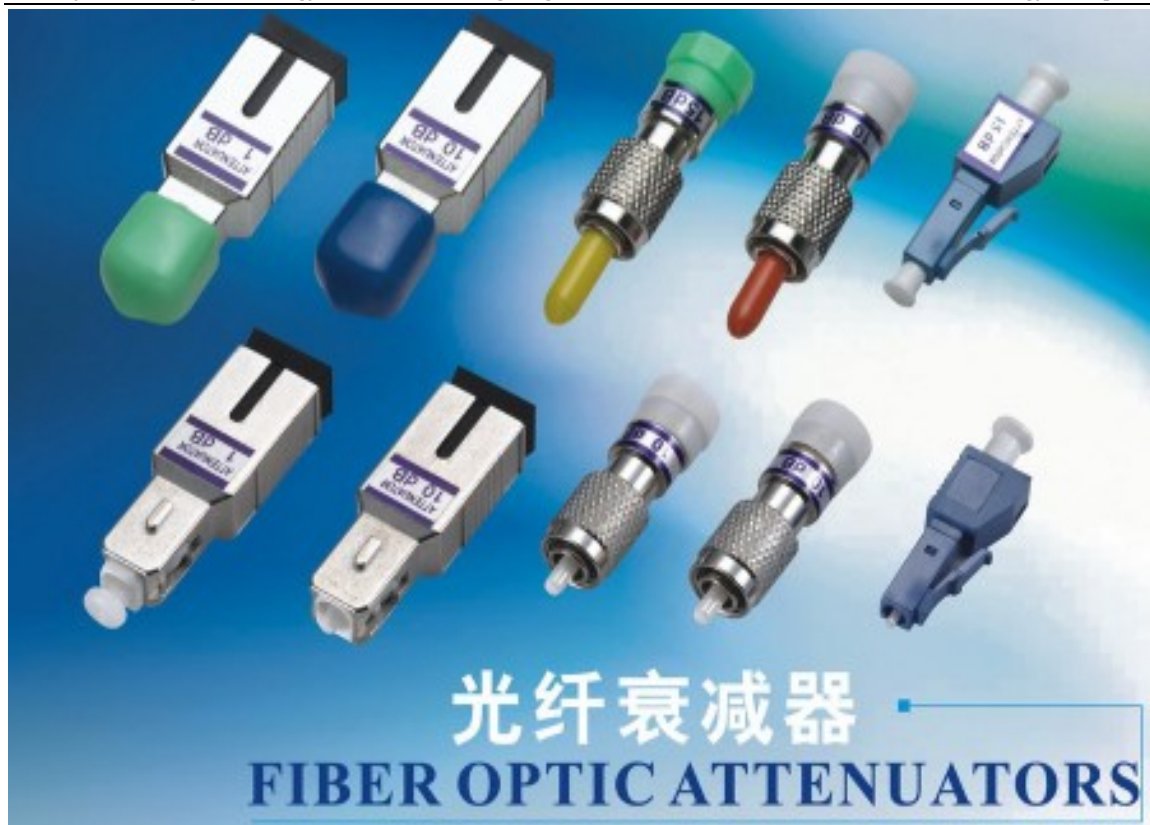


香港新泰通科技有限公司代理 SEIKOH 不同等级的研磨垫，同时生产 NTC 品牌的厚度为 3mm,4mm,5mm 各类不同型号的高等级研磨垫：相同的质量等级，意想不到的价格。

NTC brand polishing pads own high quality and lowest price beyond your thought although we act for SEIKOH polishing pad.

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香港新泰通科技有限公司采用最先进的衰减光纤进行光纤衰减器的制作，能有效的把光功率调整到您所需要的水平。

This products is a sort of passive optical devices which adjust optical power to desired level.NTC fiber optics selects attenuation fiber.

【特 性】

采用掺有特种金属离子光纤的衰减器，具有优秀的性能:

- 结构简单紧凑，重量轻
- 性能稳定，可靠性高，可通过 500 次重复性测试
- 适用于 1310 及/或 1550±40nm 宽频
- 误差小 (<10% dB)，反射损失高(>55dB)
- 符合 Bellcore 标准 (GR-910-CORE)

【Features】

The following features can be obtained with metal-ion dropped optical fibers:

- Compact and simple structure,light weight
- Stable performance with 500 times durable testing
- 1310 and / or 1550±40nm is available
- Low attenuation erroe(<10% dB),high return loss(>55dB)
- Compliance with Bellcore Standard(GR-910-CORE)

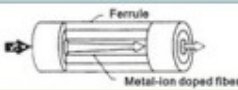
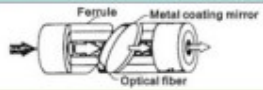
光纤衰减器 FIBER OPTIC ATTENUATORS ➤

【说明】 SPECIFICATIONS

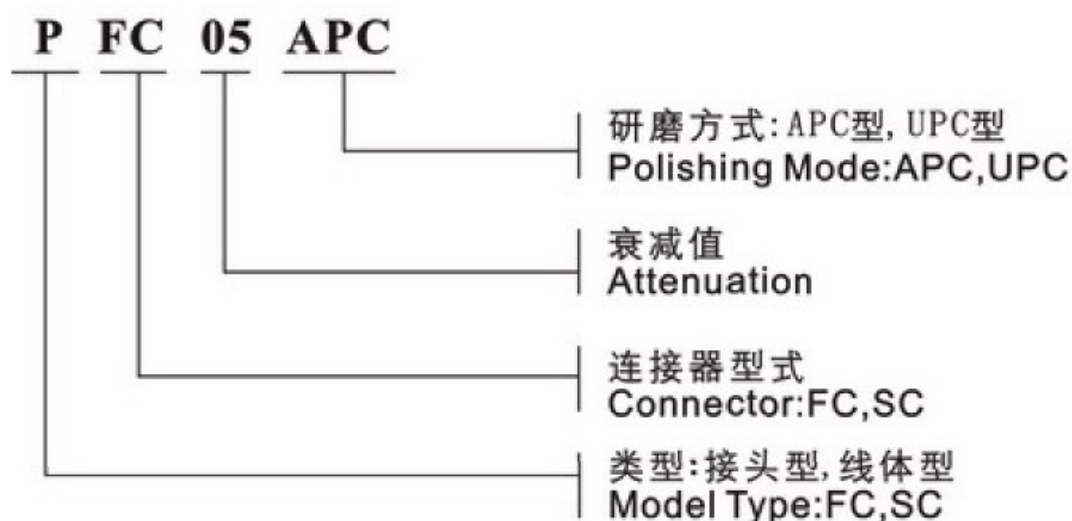
类 型 Mode Item	衰减值(dB) Attenuation(DB)	误 差(dB) Error (DB)	反射损失(dB) Return Loss(DB)	接头类型 Connector Type
接头型 Plug Type	1-5dB	$\leq \pm 0.5A$	≥ 45	FC,SC/PC,APC
	6-10dB	$\leq \pm 0.10A$		
	15,20,25,30	$\leq \pm 1.5dB$		
线体型 In-Line Type	1-20	$\leq \pm 0.10A$	≥ 45	ALL

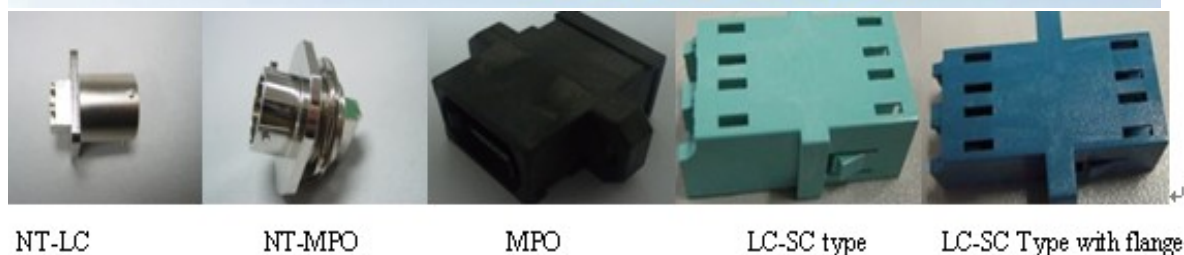
A为衰减器的标称值..A is the specified value of each attenuator.

【比较】 COMPARISON

项 目 Items	产 品 Product	其它产品 Other's Product
结 构 Structure		
原 理 Principle	掺金属离子光纤吸收 Absorption by metal-ion doped fiber	金属层镜面吸收 Absorption by metal coating mirror
研 磨 Polishing	磨2个面 2 surfaces to be polished	磨4个面 4 surfaces to be polished
材 料 Material	掺金属离子光纤 Metal-ion doped optical fiber	金属层镜面与2条光纤 Optical fiber-metal coating mirror with 2 fibers
持久性 Durability	可大于100mW 100mW(const)over	小于50mW Less than 50mW

【产品编号】 ORDER INFORMATIONS





香港新泰通科技有限公司的光纤适配器型式多样, 品种齐全, 包括 SC,FC,ST,LC,MU,MTRJ,D4,MPO,E2000, NT-LC,NT-MPO,SMA 等各种型式。其优良的低插入损耗值和高反射损耗值能满足各种环境下快速、准确与持久稳定地连接之需要。

NTC produces diversified types of adapters, including SC, FC, ST, LC, MU, MTRJ, D4, MPO, E2000, NT-LC, NT-MPO, SMA etc. Integrative construction of connector, good and low insertion loss and high return loss can satisfy the requirements of fast, exact, lasting and stable connection in different environments.

【特性】

- 低插入损耗值(<0.1dB), 高反射损耗值(>55dB)
- 性能稳定, 可靠性高, 可通过 500 次重复性测试
- 连结头尺寸精密
- 极佳的机械性能, 符合 GR-326-CORE 机械测试标准

【Features】

- Low insertion loss (<0.1dB) and high return loss (>55dB)
- Stable capability and high reliability which can pass 500 times durability testing
- Precise connecting
- Excellent mechanical capability which comply with GR-326-CORE mechanical testing requirements

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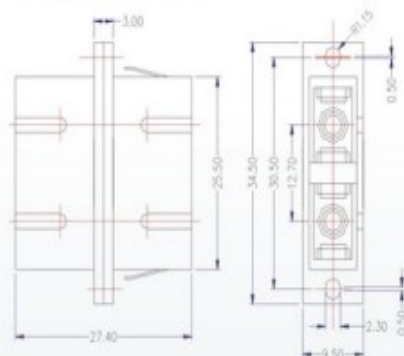
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适配器 ADAPTER ➤

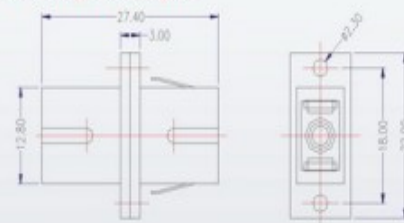
规格 Specification

单模 Singlemode		插入损耗 (dB) Insertion Loss
SC, FC, ST, LC 等	PC	<0.3
	UPC	<0.2
	APC	<0.3
MTRJ	PC	<0.5
MPO	APC	<0.3
E2000	PC	<0.2
	APC	<0.4
多模 Multimode		
SC, FC, ST, LC 等	PC	<0.3
MTRJ&MPO	PC	<0.5

SC Duplex adapter



SC Simplex adapter

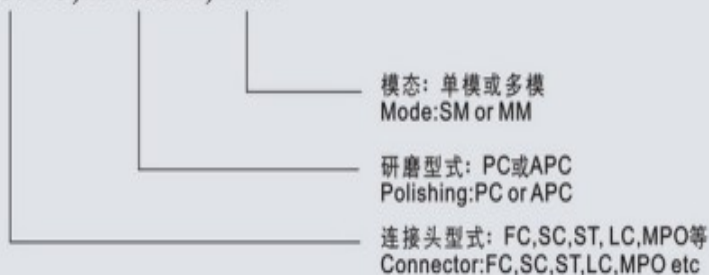


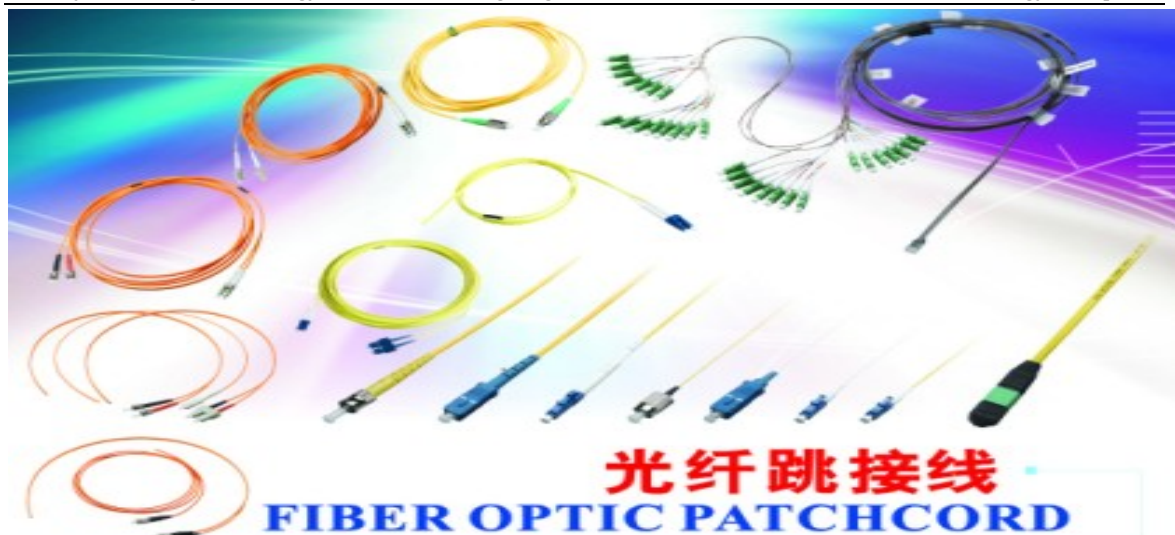
LC Simplex adapters



【产品信息】 Order information

MPO/PC,APC/SM, MM





香港新泰通科技有限公司有多年光通讯被动元件领域经验，尤其是光纤跳线制作方面的专家。我们的跳线型式多样，品种齐全，包括 SC,FC,ST,LC,MU,MTRJ,D4,MPO,E2000, NT-LC,NT-MPO,SMA 等连接头。连接器一体化的结构设计，优良的低插入损耗值和高反射损耗值能满足各种环境下快速、准确与持久稳定地连接需要。

NTC has many years experience in the industry of fiber optic communication passive components,especially we are the professional of manufacturing patchcord. We have diversiform types of patchcords including SC,FC, ST,LC, MU,MTRJ,D4,MPO,E2000,NT-LC,NT-MPO, SMA ect.Integrative construction of connector,good and low insertion loss & high return loss can satisfy the equipments of fast ,exact,lasting and stable connection in different environments

【产品优势】

- ☆ 低价高品质
- ☆ 通过 ISO 9001 企业认证
- ☆ 通过 Bellcord FGR-326-CORE 认证
- ☆ 所有外销产品都有通过相关的认证，有 Licenses

【Our Product Advantages】

- ☆ Low price with high quality
- ☆ Gain ISO9001:2000 certification
- ☆ Pass Bellcore GR-326-CORE experiment standard
- ☆ All relative part passed the related certification with licenses

【特 性】

- 低插入损耗值(<0.3dB)，高反射损耗值(>55dB)
- 性能稳定，可靠性高，可通过 500 次重复性测试
- 连结头尺寸精密
- 极佳的机械性能，符合 GR-326-CORE 机械测试标准

【Features】

- Low insertion loss (<0.3dB) and high return loss(>55dB)
- Stable capability and high reliability which can pass 500times durability testing
- Precise connecting
- Excellent mechanical capability which comply with GR-326-CORE machnical testing requirements

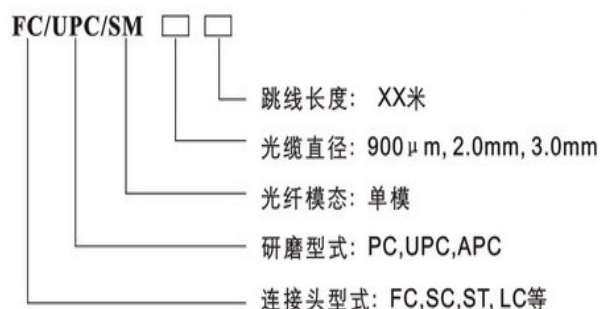
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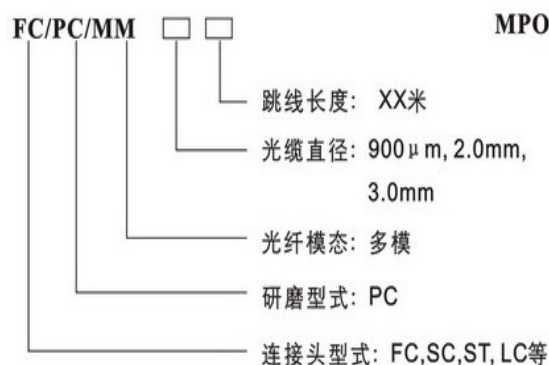
光纤跳接线 FIBER OPTIC PATCHCORD ➤

单 模 SM		插入损耗 IL (dB)	反射损耗 RL (dB)
SC, FC, ST, LC 等	PC	<0.3	>45
	UPC	<0.2	>50
	APC	<0.3	>60
MTRJPC	PC	<0.5	>40
MPO	APC	<0.3	>50
E2000	PC	<0.2	>50
	APC	<0.4	>70
多 模 MM			
SC, FC, ST, LC 等	PC	<0.3	
	PC	<0.5	

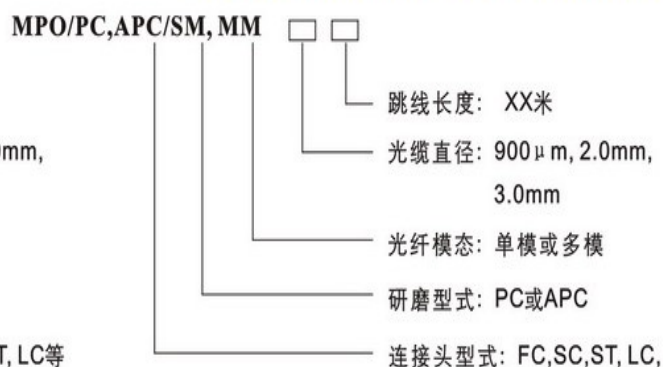
单模光跳线 Singlemode



多模光跳线 Multimode



双芯及多芯光跳线 Duplex and multi-core patchcord





香港新泰通科技有限公司的系列光纤收发器是专为 FTTH 而设计，将短距离的双绞线电信号和长距离的光信号进行互换的以太网传输媒体转换单元，根据用户实际需求进行完善管理，是宽带光纤以太网的理想设备，可广泛应用在电信级城域宽带 IP 网的各种解决方案。

NTC Series Ethernet Transission Media Converters are designed for FTTH.Its functions are to be realized inter conversion between Ethernet signal for twister media(10-100 Base-TX) transmission and Ethernet singnal for proper optical fiber medial (100 Base-FX) transmission;and the Ethernet long distance transmission with the advanced transmission property inherent in optical fiber.It can be widely applied for various solution of Broadband IP network in the telecommunication area.

【特 性】

- ◆采用国外著名厂商的交换芯片，为远程故障诊断提供了极大的方便
- ◆Fiber T 以太网光纤收发器系列可提供与所有主流的交换机和路由器的无缝连接及 1-10G 的传输
- ◆拥有 Console、Telnet、Snmp、Webserver 等管理模式，实时性、安全性、便捷性都居于国内光电收发器网管系统的前列
- ◆局端为 17 槽 19 英寸机箱，可以安装一块网管卡和 16 块光纤收发器卡，远端为独立式光纤收发器

【Features】

- ◆Advanced chips & 1-10G Transmission
- ◆Perfect connect between Converters and Routers
- ◆Support CONSOLE,TELNET,SNMP,WEBSERVER,ect.
- ◆Standard 19inch box with 17 standard slots which can 1 set net management Card and 16 sets Converters in them

光纤收发器 MEDIA CONVERTER ➤

【技术参数】 Specification

系统参数	Parameter	技术指标 TECHNICAL STANDARD			
光学特性 Optical feature	单 模 Singlemode	光接口 Connector	SC/PC, LC/PC		
		传输距离 Transmit distance	接收灵敏度 Receive sensitivity	发射功率 Transmit power	工作波长 Wavelength
		20km	≤-32 dBm	≥-18dBm	1310nm
		60km	≤-36 dBm	≥-3dBm	1310nm
		100km	≤-36 dBm	≥-5dBm	1550nm
	多 模 Multimode	光接口 Connector	SC/PC, LC/PC		
		传输距离 Transmit distance	接收灵敏度 Receive sensitivity	发射功率 Transmit power	工作波长 Wavelength
		≤2km	-31dBm	≥-19dBm	850/1310

遵循网络标准 Standard		IEEE 802.3 Ethernet (802.3以太网标准)
		IEEE 802.3u FastEthernet (快速以太网标准)
		IEEE 802.1d Spanning Tree (以太网生成树协议)
		IEEE 802.1p Qos (以太网Qos标准)
网管方式 Network managing mode		CLI、TELNET、SNMP、WEB
机械参数 Mechanical parameter	外观尺寸 Measurement	432 mm (W) × 89 mm (H) × 295 mm (D)
	重 量 Weight	满配时重量为6千克 6Kg in full load
工作环境 Operation environment	工作温度 Temperature	-10℃-60℃
	相对湿度 Humidity	5%-95% 无凝结
存储环境 Storing environment	环境温度 Temperature	-40℃-60℃
	相对湿度 Humidity	5%-95% 无凝结
电源要求 Requested electric power		220伏AC, 50Hz; -48伏DC (可选配)
功 耗 Power loss		≤55W



香港新泰通科技有限公司的耦合器、波分复用器能有效地分离/合并光信号，且具有损耗最小和均匀性极佳等特点，通过 FBT 程序制成，确保其高质量性和可靠性，适用于不同型号引线和连接器端口。

NTC couplers and WDM effectively divide or combine optical signals with minimal loss and excellent uniformity. They are made by the fused biconic taper (FBT) fusing process thus ensuring the high quality, reliability and performance. And they can be applied to various types of pigtails and connector terminals.

【特性】

- ◆低插入损耗
- ◆低附加损失
- ◆性能稳定、可靠性高
- ◆均匀性佳
- ◆极化附加损失低

【Features】

- ◆Low insertion loss
- ◆Low excess loss
- ◆Environmentally stable & reliable
- ◆Excellent uniformity
- ◆Low PDL
- ◆Applied for FTTH, CATV, PON during fiber optical telecommunication

单模窄频单窗光耦合器(Coupler)单模宽频双窗光耦合器(WIC)

性能及规格 PERFORMANCE SPECIFICATION

工作波长	Operation wavelength,nm	980,1310,1480,1550±10	1310/1550±40	coupling ratio vs insertion loss chart 耦合比及插入损失表		
级 别	Grade	Super(S) 特级(S)	High(A) 高级(A)			
典型附加损失, dB	Typical Excess Loss,dB	0.07 0.1	0.15 0.3	coupling Ratio 耦合比	Insertion Loss,dB 插入损耗, dB	
最大插入损耗, dB	Max Insertion Loss , dB	Please. Refer to coupling ratio vs insertion loss chart. 请参看耦合比及插入损失图表.			Premium 特 级	A Grade A 级
均匀性,(50:50) Uniformity,dB(50:50)		<0.6 <0.8	<1.0 <1.1	50/50 50/50	3.4 3.6	3.6 3.9
极化稳定性	Polarization Stabukutt,dB	<0.1 <0.15	<0.15 <.02	40/60 40/60	4.4/2.5 4.2/2.7	4.8/2.8 5.0/2.9
耦合比	Coupling Ratio	1:99to50:50	1:99to50:50	30/70 30/70	5.6/1.8 6.0/1.9	6.1/2.0 6.4/2.1
端口结构	Port Configuration	1×2or2×2	1×2or2×2	20/80 20/80	7.4/1.1 7.9/1.2	8.0/1.3 8.5/1.4
方向性, dB	Directivity	>50	>50	10/90 10/90	10.8/0.6 11.3/0.6	12.0/0.8 12.7/0.8
反 射, dB	Reflectance,dB	>55	>55	5/95 5/95	14.6/0.4 15.2/0.4	18.4/0.5 18.9/0.5
工作温度,℃	Operatign Temperature,℃	-40℃ ~+85℃	-40℃ ~+85℃	1/99	21.5/0.2	22.0/0.3
储存温度,℃	Stirage Temperature,℃	-40℃ ~+85℃	-40℃ ~+85℃	1/99	23.5/0.3	24.0/0.3

1×4,2×32 Coupler are as well available

粗波分复用器 (CWDM) PERFORMANCE SPECIFICATION

参 数 Parameter	单 位 Unit	指 标 Value	
信道数 Channel Number	Nm	4	8
中心波长 Central Wavelength	Nm	ITU-T Grid	
通道宽度 Passband	Nm	≥14	
通带平坦度 Passband Flatness	Nm	≤0.5	
插入损耗 Insertion Loss(Max)	dB	20	25
相邻信道隔离度 Adjacent Channel Isolation	dB	≥30	
非相邻信道隔离度 Non-adjacent Channel Isolation	dB	≥45	
波长热稳定度 Wavelength Thermal Stability	nm/℃	≤0.002	
插入损耗热稳定度 Insertion Loss Thermal Stability	dB/℃	≤0.007	
回波损耗 Return Loss	DB	≥45	
偏振模式色散 PMD	ps	≤0.10	
偏振相关损耗 PDL	dB	≤0.15	
方向性 Directivity	dB	≥55	
工作温度 Operation Temperature	℃	-5~ 65	
储存温度 Storage Temperature	℃	-40 ~ 85	
封装尺寸 Package Dimensions	mm	140×90×11	110×80×10



图 1 FTTP 网络的框架结构

New Ty-Connecting Technology (NTC) is a professional fiber optic communication products and service provider. With rich experience in fiber optic communication industry in China and support from reputable vendors from overseas, NTC built strong relationships with both our customers and vendors by providing total solution to customer and informative market feedback to vendors.

For all passive components, NTC conducts strictly reliability test according to normal testing, IEC/TIA and GR-326-CORE reliability testing requirements:

1. FAI Testing for all new designs;
2. End face check (for parts with ferrules only);
3. IL/RL testing (for parts with ferrules only);
4. Ferrule end face Geometry check (Fiber height Spherical (+): Protrusion; (-): Undercut)
+/-125nm; Radius: 7-25mm; Apex offset: 0-50um)
5. Environment Test: all fiber optic products comply with the relative IEC and TIA standard and pass strictly GR-326 or other new GR testing before shipping out.

New ty-connecting technology CO., Ltd provide a comprehensive range of pigtails and patchcords in various lengths and connector types. The range of the products offer unique ultra low insertion loss and back reflection, securing a limited loss budget for the transmission system, resulting in an extended network reach, better signal quality and reduces amplifier costs.

Production facility meets the strictest quality controls under ISO9001 and connector components meet or exceed industry standard performance levels (such as GR testing)

Each connector is thoroughly tested and reported with an interferometric microscope. Additionally, each connector is tested with focus on Insertion Loss, Return Loss and ROC, Offset and Apex testing in GR326.

All cables tested, serialized, labeled in individual bags with complete test information. All connector's precision molded body and boot are made from UL-rated material. Seikoh Giken's full range of connectors is available upon request. Specialty cables, master reference and tune adjust cables are also available.

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