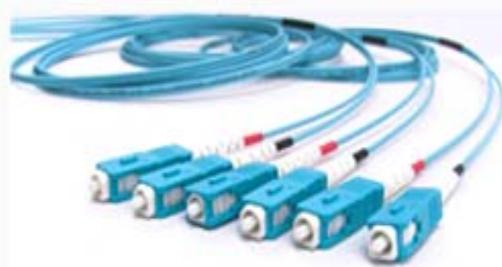


# KINGTON

yes,we are kington,we never stop...



## Fiber Optic System

[www.kingtonoptic.com](http://www.kingtonoptic.com)

# KINGTON

Shenzhen KINGTON Optic Co.Ltd.,as a high-tech enterprise,is found in 2005 and engage in R&D,production and exporting fiber optic equipments.Equipped with international artworks and test equipments,brought advanced management mode,our company attracts many optical technology elite,all of them work and make great distribution to world optical telecommunications for more than 13 years.

Main products include optical passive products such as optical splitter,fiber array(FA),fiber patch cord,connector,adaptor,attenuator,fiber splice closure,terminal box,cabinet or patch panel and fiber transmission equipments.In particular,planar waveguide optical splitter(PLC Splitter),because it is advanced technology,not sensitive to the wavelength,good spectral uniformity,resistance to high or low temperature,small size,etc,its performance and stability conforms to Telcordia and ROHS certificate.Now our products are not only exported to Japan,the United States,Korea,Europe and other countries in large quantity,but also the first choice of FTTH project in China.All our products passed strict test of National Information Product Protection Performance Supervision and Inspection Center, and get ISO9001:2008 certificate.

The aim of KINGTON is to be the leading manufacturer in the world.We constantly absorb in and cultivate excellent engineers,invest in basic technology research and development,keep cost innovation and optimize company management procedure,now we are going well on this road.



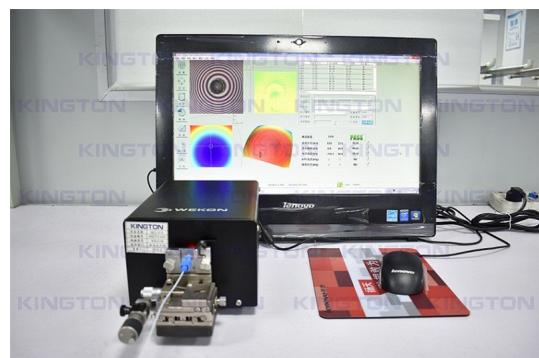
Reception



Office



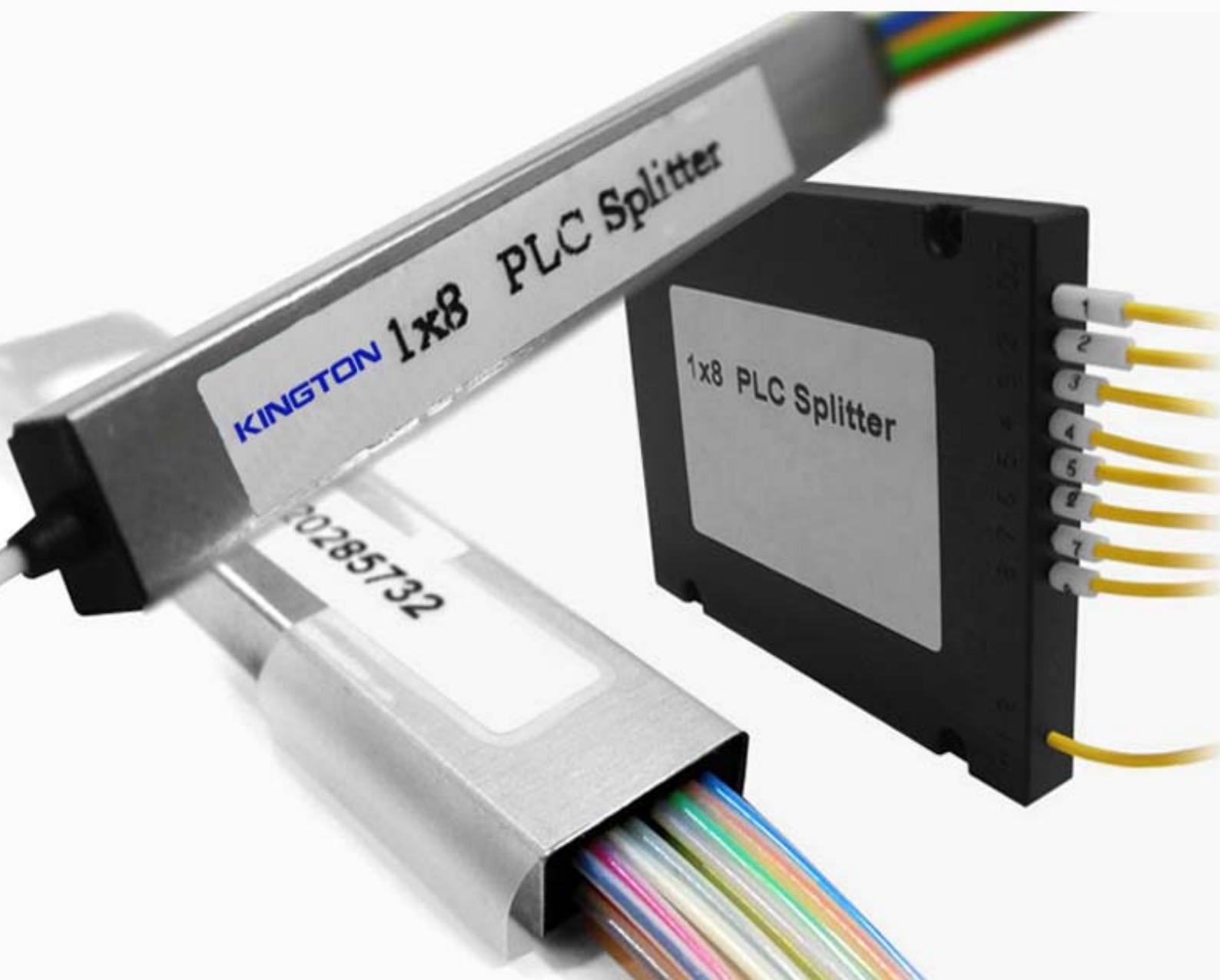
Production line



Patch Cord Interferometer Testing

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**Fiber PLC Splitter**

# KINGTON Fiber Optic System

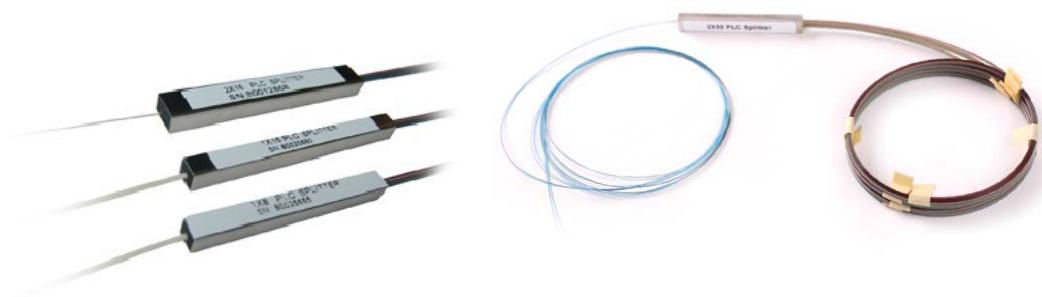
It is used for small spaces can be easily placed in a formal joint boxes and splice closure, In order to facilitate welding, does not need specially designed for space reserved. KINGTON PLC splitter family features either ribbon or individual fiber output, KINGTON provides whole series of 1xN and 2xN splitter products that are tailored for specific applications. All splitters provide guaranteed optical performance and high reliability that meet GR-1209-CORE and GR-1221-CORE requirements.

## Applications:

- Fiber to The Point (FTTX)
- Fiber to The Home (FTTH)
- Passive optical networks(PON)
- Local Area Networks (LAN)
- Cable Television (CATV)
- Test Equipment

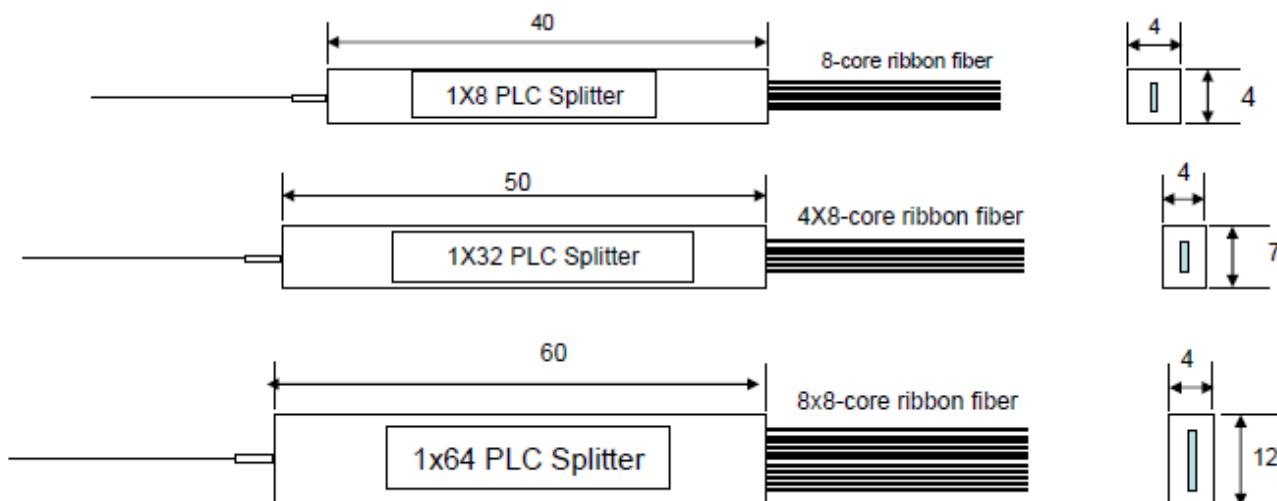
## Features:

- Good uniformity and low insertion loss
- Low Polarization Dependent Loss
- Excellent Environmental Stability
- Excellent Mechanical
- Stability Telecordia GR-1221 and GR-1209



## Package Drawings:

Port	1x2	1x4	1x8	2x4	2x8	1x16	2x16	1x32	2x32	1x64
WxHxL (mm)			4x4.5x45			4x7x50		4x12x60		



# KINGTON Fiber Optic System

PLC splitter with fan-out is mainly used for 0.9mm optical fiber where the ribbon fiber can be converted to 0.9mm optical fiber through fan-out. Fiber adapters can be provided both for the input and output ends of this kind of splitters so that they can be used directly to meet the low demand on the size of the splitter, for instance all kinds of precision splitter insertion box and splitter wall-mounted cabinets. KINGTON PLC splitter family features either ribbon or individual fiber output, KINGTON provides whole series of 1xN and 2xN splitter products that are tailored for specific applications. All splitters provide guaranteed optical performance and high reliability that meet GR-1209-CORE and GR-1221-COR.

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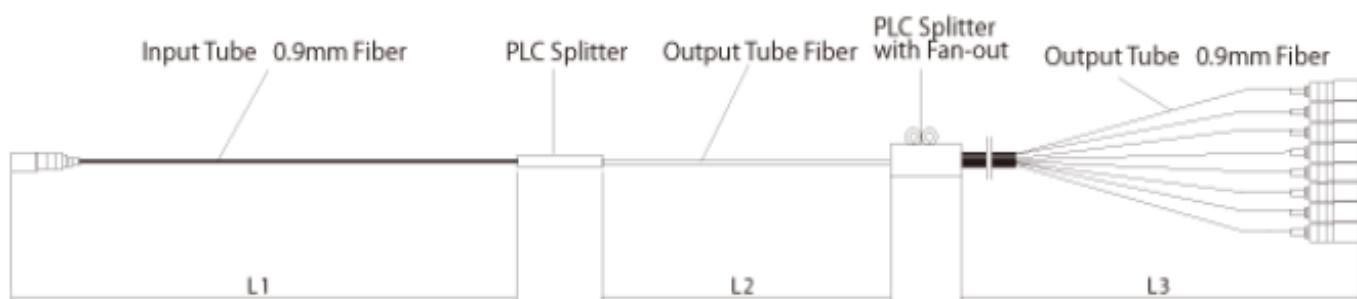
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## Package Drawings:

Port	1x2	1x4	1x8	2x4	2x8	1x16	2x16	1x32	2x32	1x64
WxHxL (mm)			4x4.5x45				4x7x50			4x12x60



# KINGTON Fiber Optic System

Mini Module PLC splitter uses PLC & Package technology to split one wavelength into many ports, from 4 ways to 32 ways. It has no fan-out block so you can save space and achieve smaller splitter modules. KINGTON PLC splitter family features either ribbon or individual fiber output, KINGTON provides whole series of 1xN and 2xN splitter products that are tailored for specific applications. All splitters provide guaranteed optical performance and high reliability that meet GR-1209-CORE and GR-1221-CORE requirements.



## Applications:

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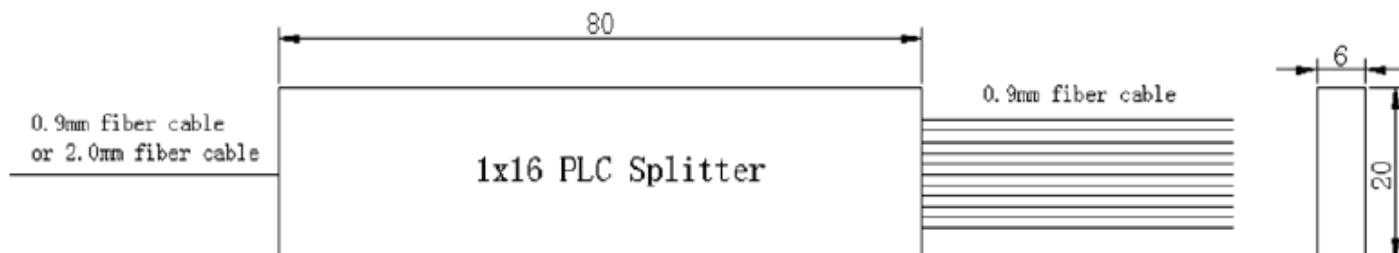
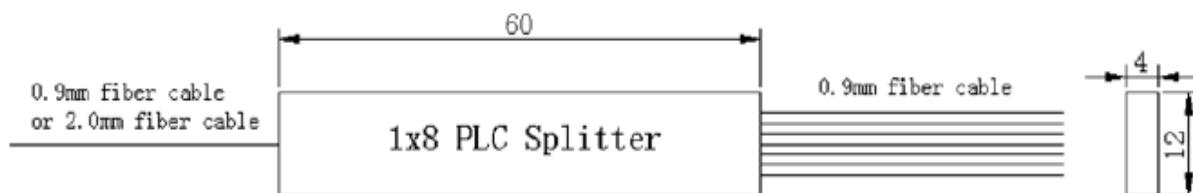


## Features:

- Good uniformity and low insertion loss
- Low Polarization Dependent Loss
- Excellent Environmental Stability
- Excellent Mechanical
- Stability Telecordia GR-1221 and GR-1209

## Package Drawings:

Port	1x2	1x4	1x8	2x4	2x8	1x16	2x16	1x32	2x32	1x64
WxHxL (mm)			4x7x60			4x12x60		6x20x80		6x20x80



# KINGTON Fiber Optic System

KINGTON offers a variety of cassette or box type splitter products that are connectorized and/or pluggable. PLC Splitter Modules are available in the form of either plastic module cassette, or LGX metal box with fiber diameters up to 3 mm. We also provide customized design for customer specific applications. KINGTON PLC splitter family features either ribbon or individual fiber output, KINGTON provides whole series of 1xN and 2xN splitter products that are tailored for specific applications. All splitters provide guaranteed optical performance and high reliability that meet GR-1209-CORE and GR-1221-COI.

## Applications:

- Fiber to The Point (FTTX)
- Fiber to The Home (FTTH)
- Passive optical networks(PON)
- Local Area Networks (LAN)
- Cable Television (CATV)
- Test Equipment

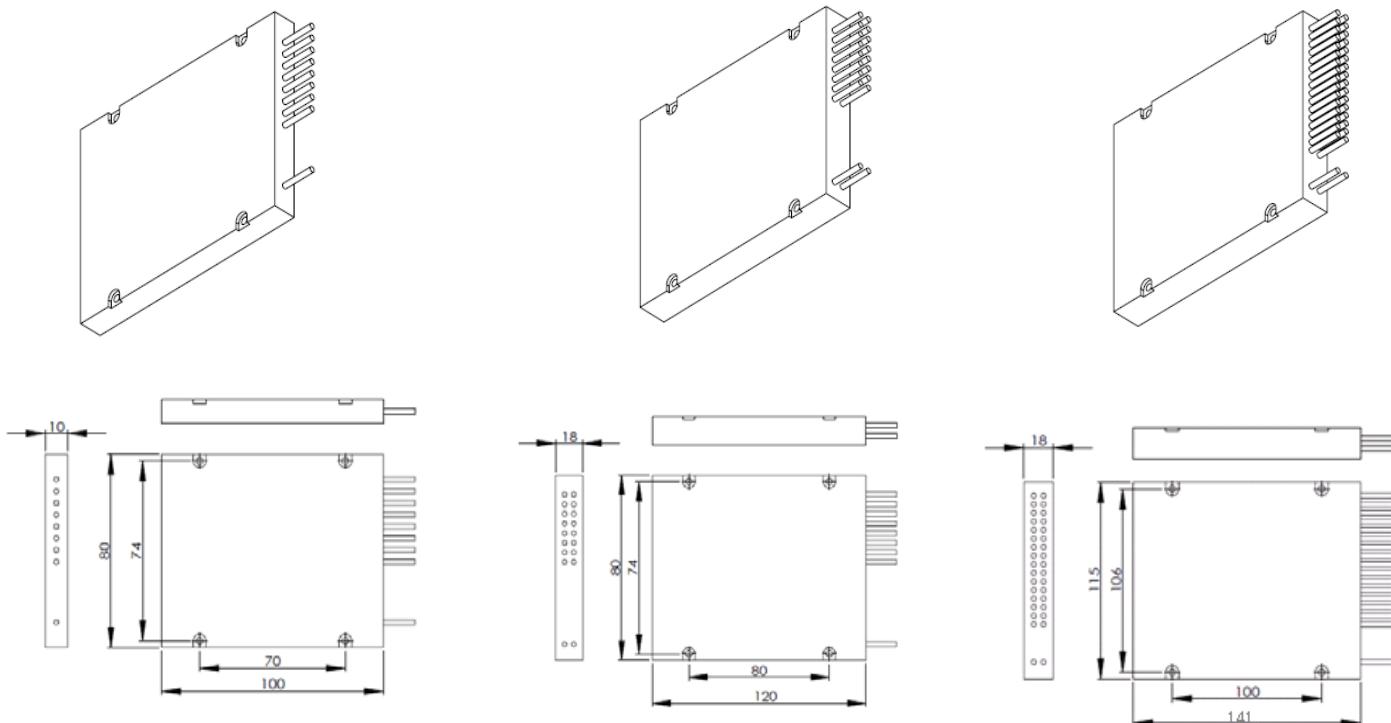
## Features:

- Good uniformity and low insertion loss
- Low Polarization Dependent Loss
- Excellent Environmental Stability
- Excellent Mechanical
- Stability Telecordia GR-1221 and GR-1209



## Package Drawings:

Port	1x2	1x4	2x4	1x8	2x8	1x16	2x16	1x32	2x32	1x64	2x64
WxHxL (mm)				100x80x10			120x80x18	142x102x14.5 /141x115x18		141x115x18	



# KINGTON Fiber Optic System

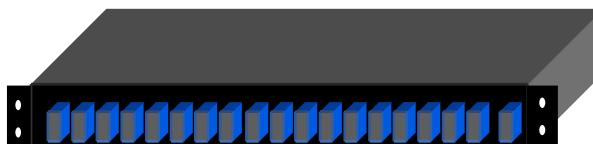
For field applications, KINGTON offers a variety of box type splitter products that are connectorized or pluggable. PLC Splitter Boxes are available in the form of either ODF, rack-mount or wall-mount box with fiber diameters up to 3 mm. These rugged products give field engineers great ease in handling and installation and are suitable for both indoor and outdoor applications. We also provide customized design for customer specific application. KINGTON PLC splitter family features either ribbon or individual fiber output, KINGTON provides whole series of 1xN and 2xN splitter products that are tailored for specific applications. All splitters provide guaranteed optical performance and high reliability that meet GR-1209-CORE and GR-1221-CORE requirements..

## Applications:

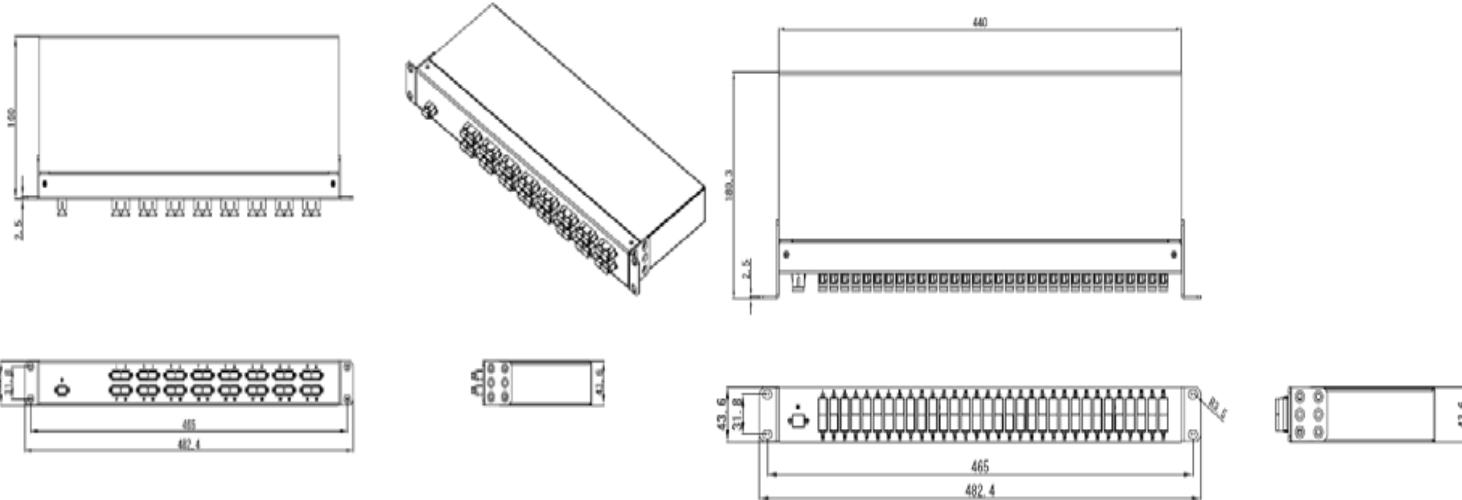
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- Passive optical networks(PON)
- Local Area Networks (LAN)
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## Features:

- Good uniformity and low insertion loss
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- Excellent Environmental Stability
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- Stability Telecordia GR-1221 and GR-1209



## Package Drawings:



PLC Splitter 19" 1U Rack mount

PLC Splitter 19" 2U Rack mount

# KINGTON Fiber Optic System

PLC splitters are based on the Planar Waveguide Technology. They provide a cost effective and space saving networking solution. They are key components in FTTX networks and are responsible to distribute the signal from central office to numbers of premises. They have very wide range of operating wavelength from 1260nm to 1620nm. With it's compact size, these splitters can be utilized in in-ground and aerial pedestals as well as rack mount systems.

## Applications:

- Fiber to The Point (FTTX)
- Fiber to The Home (FTTH)
- Passive optical networks(PON)
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- Test Equipment

## Features:

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## PLC-Splitter-FOSC



PLC-Splitter-FOSC adopt modified plastic with high strength and corrosion resistance, so the closure has a longer lifetime and excellent sealing performance.

It is especially suitable for using optical splitter.

It applies to PLC splitter with max ratio 2:32 or 2\*2:16

Max quantity of SC adapter: 36 pcs (other types of adapter can be customized)

Max quantity of pigtail: 36 pcs of SC/PC - 1.5meters

Various optional sealing accessories for soft cable

Splitter and pigtauls can be pre-installed,so it just needs to connect the cable in the field,

which will shorten the construction time and improve work-efficiency

# KINGTON Fiber Optic System

Wall mountable Splitter Box provides a flexible fiber management system for transitioning outside plant cable to inside cable and connectorized assemblies. Ensures professional splitting and branching of fiber based on bandwidth requirements with mechanical splitters on wall mountable applications and provides professional cable management



## Applications:

- Fiber to The Point (FTTX)
- Fiber to The Home (FTTH)
- Passive optical networks(PON)
- Local Area Networks (LAN)
- Cable Television (CATV)
- Test Equipment

## Features:

- Good uniformity and low insertion loss
- Low Polarization Dependent Loss
- Excellent Environmental Stability
- Excellent Mechanical
- Stability Telecordia GR-1221 and GR-1209



## PLC-Splitter-Tray

Used for splitter installation, safe and easy  
Mainly used in cross-connect cabinet, ODF, ODF unit  
Compatible with connection modules



## Applications:

- Fiber to The Point (FTTX)
- Fiber to The Home (FTTH)
- Passive optical networks(PON)
- Local Area Networks (LAN)
- Cable Television (CATV)
- Test Equipment

## Features:

- Good uniformity and low insertion loss
- Low Polarization Dependent Loss
- Excellent Environmental Stability
- Excellent Mechanical
- Stability Telecordia GR-1221 and GR-1209

## PLC Splitter Specifications:

Parameter	Specification											
Operating Wavelength (nm)	1260 ~ 1650											
Type	1x2	1x4	1x8	1x16	1x32	1x64	2X2	2x4	2x8	2x16	2x32	2x64
Insertion Loss (dB) Max.*	<4.0	<7.3	<10.8	<14.0	<17.0	<21.5	<4.2	<7.6	<11.2	<14.5	<18.2	<22
Uniformity (dB) Max.*	<0.6	<0.8	<1.0	<1.5	<2.0	<2.5	<0.8	<1.2	<1.5	<2.0	<2.5	<3.0
PDL(dB)Max.*	<0.2	<0.2	<0.2	<0.3	<0.3	<0.4	<0.3	<0.3	<0.3	<0.4	<0.4	<0.4
Directivity (dB) Min *	55											
Return Loss (dB) Min *	55(50)											
Operating Temperature (° C)	-40~ +85											
Storage Temperature (° C)	-40 ~ +85											
Fiber length	1m or custom length											
Fiber Type	Corning SMF-28e fiber											
Connector Type	Custom specified											
Power Handling (mW)	300											

- 1.Measured at room temperature and excludes connector loss.
- 2.For devices with connectors, insertion loss will be 0.3dB higher. Return Loss >55dB(APC),>50dB(UPC).

# KINGTON Fiber Optic System

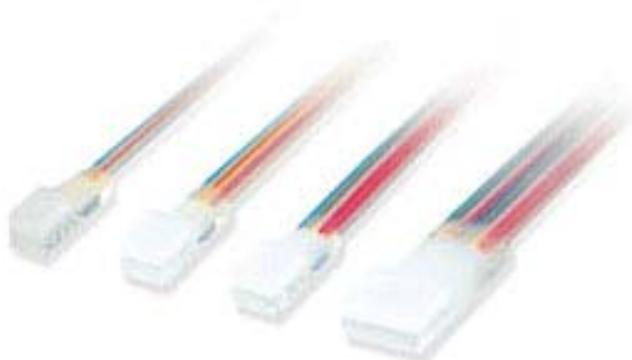
KINGTON offers a suit of cost-effective fiber arrays that are available in either quartz, pyrex or silicon materials with flat or angular polished end faces. In addition to satisfying Telcordia reliability requirements, all the fiber arrays feature very low connection loss.

## Applications:

- Planar lightwave circuits devices
- Array waveguide grating (AWG's)
- Arrayed active and passive fiber devices
- MEMS devices
- Multi-channel micro-optics modules

## Features:

- High precise fiber core-to-core accuracy
- Low insertion loss and high reliability
- High precise angle polish and customer product available
- Wide Operating Temperature:
- From -40°C to 85°C curvature of fibers

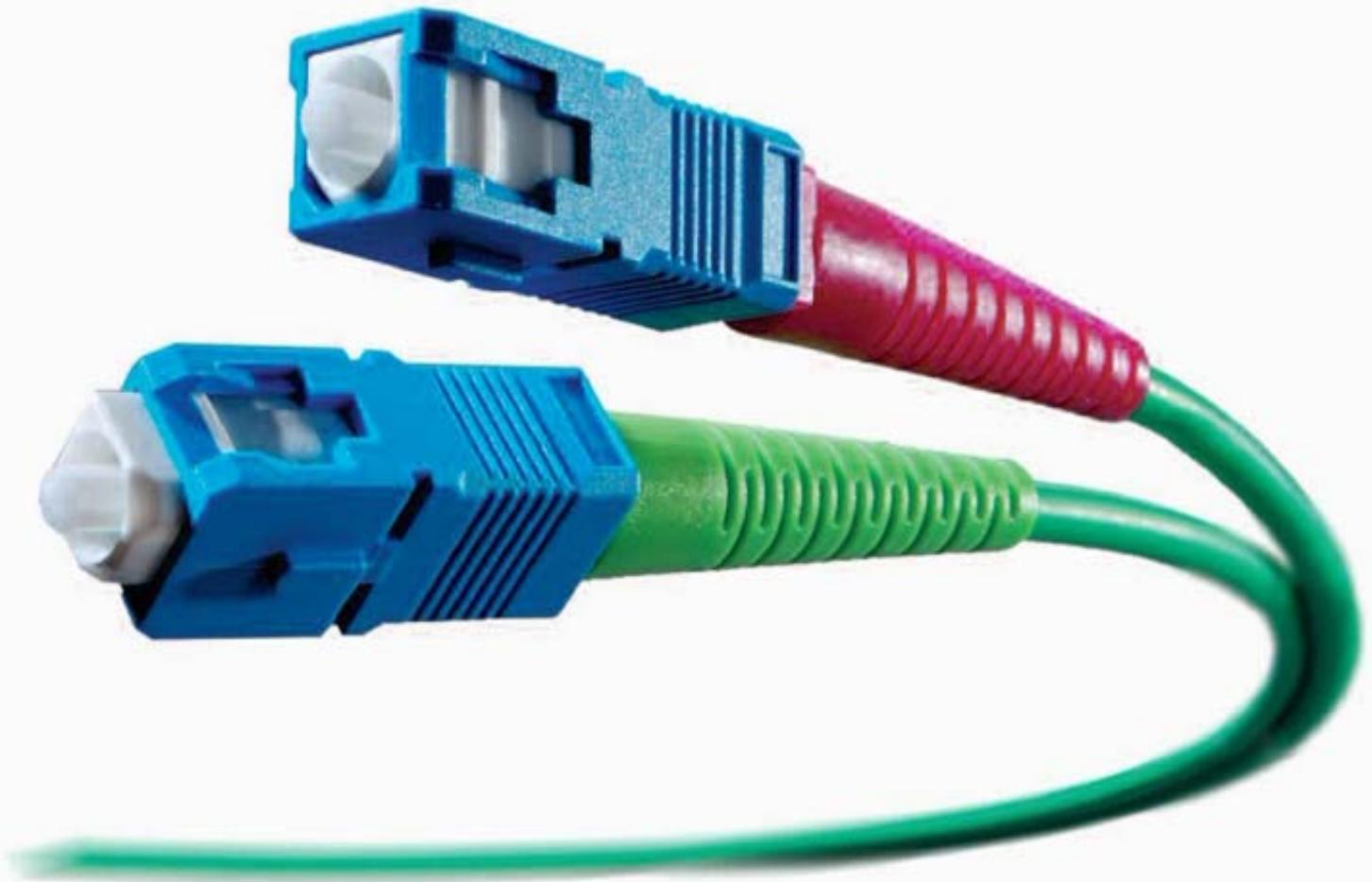


## Specifications:

Number of Channels	1CH	2CH	4CH	8CH	16CH	32CH	64CH
Material	Silicon, Quartz						
V-groov Pitch (um)	250/127( $\pm 0.5$ )						
Polishing angle (° )	0° ( $\pm 0.3^\circ$ ) or 8° ( $\pm 0.3^\circ$ )						
Pigtail Type	250/ 900um	2core 250/ 900um	4core Ribbon	8core Ribbon	2*8core Ribbon	4*8core Ribbon	8*8core Ribbon
Channel Spacing (um)	250	250	250	127	127	127	127
Working temp (°C)	-40~+85						
Storage temp (°C)	-40~+85						
Fiber length	1m or on customer's request						
Fiber display	Input or on customer's request						

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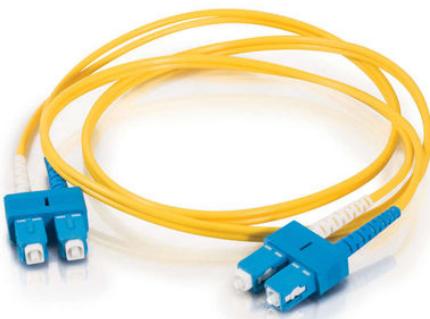
## Fiber Passive Series

Patch cord/Pigtail/Connector/Adapter/Attenuators etc...

## Singlemode Patchcord and Pigtail Information:

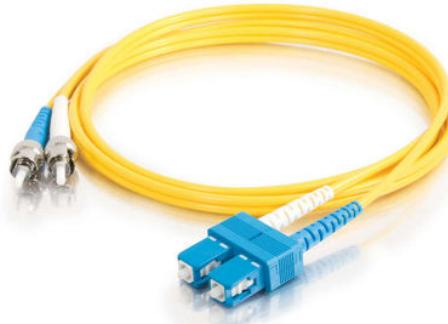
Connectorized cable assemblies are cord-type fiber optic cables terminated with connectors at both ends.

The type of cable, fiber and connector and the length of the patch cord can be freely specified by the customer as shown below. Pigtails are used for terminating fiber optic cables by splicing them into the fibers of the cable and connecting the other end. Supplied with a connector, to a patch panel or directly to equipment.



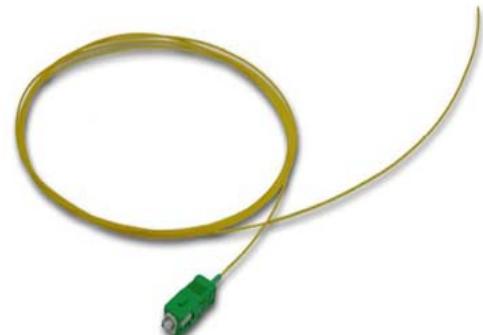
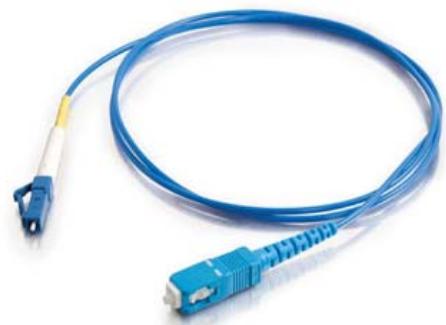
### Feature:

- Compatible with all standard type connector, zirconia ceramic ferrule
- PC / SPC / UPC / APC polishing are also available in zirconia ceramic ferrule
- The Simplex, Duplex Patchcords and pigtails are jacketed with Kevlar Sheath Member, Aramid Yarns and Flame Retardant PVC Material
- Low Insertion Loss and High Return Loss
- Good exchangeability and repeatability
- Every cable assembly is 100% tested and guaranteed to meet all specification
- Identification label provides complete description of IL and RL.
- Customer Lengths and connectors are available upon request
- Refer to the Single Mode Patch Cable datasheet for the specifications
- G.652 and G.655 and G657 fiber, LSZH, Plenum and Hytrel cables available



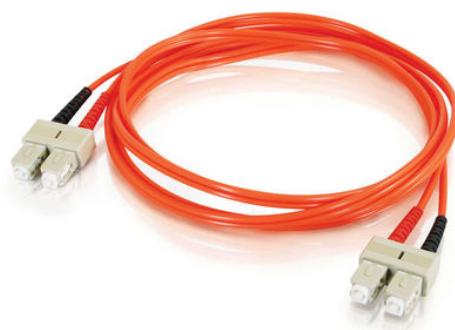
## Specifications:

Type	Standard,Master
Style	LC,SC,ST,FC,MU,DIN,D4,MPO, SC/APC,FC/APC,LC/APC.MU/AP C Duplex MTRJ/Female, MTRJ/Male
Fiber Type	9/125 SMF-28 or equivalent (Singlemode) OS1 50/125, 62.5/125 (Multimode) OM2&OM1 50/125, 10G (Multimode) OM3
Cable Type	Simplex, Duplex (Zipcord) Φ 3.0mm, Φ 2.0mm, Φ 1.8mm Φ 1.6mm PVC or LSZH Φ 0.9mm, Φ 0.6mm buffered fiber PVC or LSZH
Polishing Manner	UPC,SPC,APC (8° )
Insertion Loss	≤ 0.1dB (For Singlemode Master) ≤ 0.25dB (For Singlemode Standard) ≤ 0.25dB (For Multimode) Tested by JDS RM 3750
Return Loss (For Singlemode)	UPC ≥ 50dB SPC ≥ 55dB APC ≥ 60dB (typ.65dB) Tested by JDS RM3750
Repeatability	±0.1dB
Operating temperature	-40°C to 85°C



## Multimode Patchcord and Pigtail Information:

Connectorized cable assemblies are Patchcords terminated with connectors at both end. The type of cable, fiber and connector and the length of the patch cord can be freely specified by the customer as shown below. Pigtails are used for terminating fiber optic cables by splicing them the fibers of the cable and connecting the other end, supplied with a connector, to a p



### Feature:

- 50/125 and 62.5/125 and OM3/10G are also available
- Compatible with all standard type connector, zirconia ceramic ferrule, PC polishing
- The Simplex, Duplex Patchcords and pigtails are jacketed with Kevlar Sheath Member, Aramid Yarns and Flame Retardant PVC and LSZH material
- Good exchangeability and repeatability
- Every cable assembly is 100% tested and guaranteed to meet all specification
- Identification label provides complete of Insertion Loss
- Customer Lengths and connectors are available upon request
- For Data communication networks, Local Area Networks, Subscriber transmission system application
- Refer to the Multi Mode Patch Cable dat



## Specifications:

Type	Standard,Master
Style	LC,SC,ST,FC.MU,DIN,D4,MPO, SC/APC,FC/APC,LC/APC.MU/APC Duplex MTRJ/Female, MTRJ/Male
Fiber Type	9/125 SMF-28 or equivalent (Singlemode) OS1 50/125, 62.5/125 (Multimode) OM2&OM1 50/125, 10G (Multimode) OM3
Cable Type	Simplex, Duplex (Zipcord) Φ 3.0mm, Φ 2.0mm, Φ 1.8mm Φ 1.6mm PVC or LSZH Φ 0.9mm, Φ 0.6mm buffered fiber PVC or LSZH
Polishing Manner	UPC,SPC,APC (8° )
Insertion Loss	≤ 0.1dB (For Singlemode Master) ≤ 0.25dB (For Singlemode Standard) ≤ 0.25dB (For Multimode) Tested by JDS RM 3750
Return Loss (For Singlemode)	UPC ≥ 50dB SPC ≥ 55dB APC ≥ 60dB (typ.65dB) Tested by JDS RM3750
Repeatability	±0.1dB
Operating temperature	-40°C to 85°C





### Bundle Fan-out Pigtail

Applications: Applicable to the fusion and distribution of multi-fiber cable and ODF.

Features: The fusion and distribution of multi-fiber in ODF available, Various optical connectors available, Low insertion loss and high return loss, Excellent reliability and stability.



### Ribbon Fan-out Pigtail

Applications: Telecom network, Data transmission, LAN, Test equipments

Features: Clamped connection, easy to operate, Controlled by the end face geometric parameters, Low insertion loss and high return loss, Excellent reliability and stability



### Waterproof Pigtail

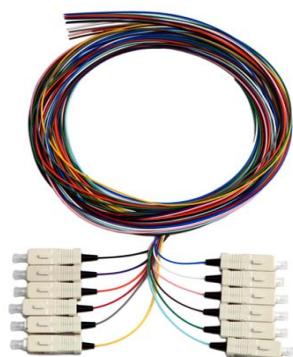
Applications: Field fiber CATV, Connection between main cable and optical receiver.

Features: Universal waterproof connector, reliable performance, Sealed and waterproof, high tensile strength, suitable for the poor field environment. Flexible connector is convenient for fixing, Various types of optical connectors available, Low insertion loss and high return loss.



### Armored Fiber Optic Patch Cord

Armored fiber optic patch cord can be made similar outer diameter with the standard patch cords, this make them space saving. can be deployed directly in different harsh environment. Without additional tube for protection, reduce construction cost, and make the maintenance more conveniently. the stainless steel tube prevents optic fiber from damage, which improves security and stability of the system. Furthermore, they can be with different jacket colors and jacket types such as OFNR etc. and the armored fiber optic patch cords are actually light weight, the armored fiber optic patch cords can be with SC, ST, FC, LC, MU, SC/APC, ST/APC, FC/APC, LC/APC etc types of terminations.



### Fiber Optic Pigtails - 12 colors

In order to make each installation and splicing easy KINGTON offers set of 12 color pigtails. Regardless of fiber type pigtails are available in the following colors: red, green, blue, yellow, white, grey, brown, purple, orange, black, pink, aqua.



### Multi-Fiber Assemblies

Fiber counts from 4 to 144 Indoor and outdoor applications  
Single cable assembly with multiple fiber terminations Available in various connector types: Various fiber count and construction types  
Custom configurations for cable and breakout style/length Single mode and multimode



### Mode Conditioning Patch Cord

The Mode Conditioning Patch Cord is designed for long wave (-LX) multimode applications of Gigabit Ethernet. It is compliant with this IEEE 802.3z application standard. This patch cord consists of duplex SC connectors on each end of a cable assembly with a single-mode fiber offset to a multimode fiber connection in one of the two legs. Benefits: Avoids Different Mode Delay (DMD) signal, Correct offset always maintained, Aesthetically pleasing, Uses precision ceramic ferrules, Use instead of standard equipment-to-cable plant patch cord, Functions the same as standard patch cord

## LC Connector



**Description:** The LC connector holds a single fiber in a 1.25mm ceramic ferrule, half the size of the standard SC ferrule. LC connectors are examples of small form factor connectors. The connector body is made of moulded plastic, and features a square front profile. An RJ-style latch (like that on a phone jack) on the top of the connector provides easy, repeatable connections. Two LC connectors may be clipped together to form a duplex LC. The small size and push-in connections of LC connectors make them an excellent choice for high-density fiber applications, or for cross connects.

## SC Connector



**Description:** The SC connector holds a single fiber in a standard-sized (2.5 mm) ceramic ferrule. The connector body has a square front profile, and is made of moulded plastic. Clips on either side of the body and the connector key allow for easy push-in connections. This push-pull latching mechanism makes the SC connector preferred in high-density interconnect applications such as telecommunications closets and premise wiring. Two SC connectors may be mounted side by side on a duplex cable. SC connectors have been preferred by the TIA/EIA-568-A industry standard for premise cabling because it is felt to be easier to maintain the polarity of duplex cables with this type of connector.

## FC Connector



**Description:** The FC connector holds a single fiber in a standard-sized (2.5 mm) ceramic ferrule. The connector body is made of nickel-plated brass, and features a key-aligned, threaded locking coupling nut for repeatable, reliable coupling. The threaded coupling nut provides a secure connector even in high-vibration environments, although it takes slightly longer to connect, since it requires turning the connector instead of a simple push and click. Some FC style connectors exhibit tunable keying, which means the connector key can be tuned to obtain the best insertion loss, or to otherwise align the fiber.



### ST Connector

Description: The ST connector holds a single fiber in a standard-sized (2.5 mm) ceramic ferrule. The connector body is made of a plastic composite, and the connector couples using a twist-lock mechanism. This connector type is often found in data communications applications. The ST is versatile, and very popular, as well as comparatively cheaper than some other connector styles.



### MU Connector

Description: The MU connector holds a single fiber in a ceramic ferrule.

MU connectors are small form factor connectors that emulate the design of the larger SC connector. The MU exhibits a square front profile and a moulded plastic body that provides simple push-pull latching connections. The MU connector is well suited for high-density applications.

### MTRJ Connector

Description: The MTRJ connector holds a pair of fibers in a monolithic ferrule made of a plastic composite. The ferrule is held inside a plastic body that clips into a coupler with an intuitive push and click motion, much like the copper RJ-45 jack. The fibers are aligned by the pair of metal guide pins in the end of the ferrule of a male connector, which join into guide pinholes on the female connector inside the coupler. The MT-RJ connector is an example of a duplex small form factor connector. Having the pair of fibers held by a monolithic ferrule makes it easy to maintain the polarity of connections, and renders the MT-RJ ideal for applications such as horizontal fiber runs in facility cabling.



### DIN Connector

Description: DIN connectors. They are compact and have spring-loaded freefloating zirconia ferrules for superior performance.





### E2000 Connector

**Description:** The E2000 connector holds a single fiber in a ceramic ferrule. E2000's are small form factor connectors with a moulded plastic body similar to that of an LC. The E2000 also exhibits a push-pull latching mechanism, and integrates a protective cap over the ferrule, which acts as a dust shield and shields users from laser emissions. The protective cap is loaded with an integrated spring to ensure proper closing of the cap. Like other small form factor connectors, the E-2000 connector is suited for high-density applications.

### D4 Connector

**Description:** The D4 connector holds a single fiber in a 2.0 mm ceramic ferrule. The D4 connector's body is similar in design to the FC connector, except for the smaller ferrule, and a longer coupling nut. Properties and applications of the D4 are likewise comparable to the FC.



### MPO Connector

**Description:** The MPO Fiber Connector uses precision molded MT ferrules, together with metal guide pins and precise housing dimensions ensure fiber alignment when mating. Mass termination in combinations of 4, 8, or 12 fiber ribbon cables are available. Single mode versions (with APC Polishing) are offered with premium low-loss or standard and multimode versions (with PC polishing) are also available. Available cable types include bare fiber ribbon and ruggedized ribbon

#### Features:

- Zirconia ferrule
- Precise dimension
- Low insertion loss
- High return loss
- Convenience and ease of handling
- Environmentally stable

#### Application:

- CATV Networks
- Active Device Termination
- Industrial and Military
- Instrumentation
- FTTx

#### Specifications:

- Insertion Loss: Single mode  $I \leq 0.20\text{dB}$  & Multimode  $\leq 0.25\text{dB}$
- Return Loss: UPC  $\geq 50\text{ dB}$ , SPC  $\geq 55\text{ dB}$  & APC  $\geq 65\text{ dB}$
- Durability  $<0.20\text{ dB}$  typical change, 1000 mating
- Operating Temperature: -40 to  $80^\circ\text{C}$
- Ceramic Ferrule Hole Sizes: Single mode: 125.0 1/-0  $\mu\text{m}$ , Concentricity:  $\leq 1.0\text{ } \mu\text{m}$ , 125.5 1/-0  $\mu\text{m}$ ,
- Concentricity:  $\leq 1.0\text{ } \mu\text{m}$ , 126.0 1/-0  $\mu\text{m}$ , Concentricity:  $\leq 1.0\text{ } \mu\text{m}$  Multi mode: 125  $\mu\text{m}$ ,
- Concentricity:  $1 \leq 3\text{ } \mu\text{m}$  or 127  $\mu\text{m}$ , Concentricity:  $1 \leq 3\text{ } \mu\text{m}$  or 128  $\mu\text{m}$ , Concentricity:  $1 \leq 3\text{ } \mu\text{m}$



## Fast Connector

**Description:** Optical fast connector takes use of the latest generation of Rapid Ready-Terminal technology. After terminating, both the optical and mechanical performances reach the standard for patchcord and meet the demand for making patchcord on site by mechanical splicing.

### Features:

- Low insertion loss and back reflection loss -Extremely easy for operation
- Short operation time.
- No need of epoxy,
- No need of polishing (for PC )

### Applications:

- FTTx Rebuilding the wiring in optical equipments rooms.

### Availability:

- Following types of connector is available:SC/PC 、 FC/PC

## Specifications:

Operation time	About 2 min
Insert loss	$\leq 0.5\text{dB}$ ( 1310nm & 1550nm )
Return loss	$\geq -45 \text{ dB}$
Using temperature	-40 ~ +75 centre degree
On-line tensile strength (20N)	IL $\leq 0.2\text{dB}$ RL $\geq 45 \text{ dB}$
Mechanical durability (500 times)	IL $\leq 0.2\text{dB}$ RL $\geq 45 \text{ dB}$



### LC Adapter

Description:LC type adapters are used in high density applications and feature a quick plug in installation. Adapters are available in both simplex and duplex designs and utilize high quality zirconia and phosphorous bronze sleeves. The LC duplex adapter uses the same cutout as the copper RJ-45, resulting in less redesign work when retrofitting existing panels.



### SC Adapter

Description:SC adapter has a plastic housing and either a precision zirconia or a rugged phosphor bronze sleeve. Zirconia sleeve enables stable connection and thus enhances performance, and is ideal for single mode applications. Phosphor bronze sleeve provides durability, and is ideal for multimode applications. Flange-mount type simplex and duplex adapters are available.



### ST Adapter

Description:ST adapters connect industry standard ST connectors and are available in D-Mount and Flange-Mount versions. ST adapters are available with ceramic or metallic sleeves, feature a metal body for long life, and easily install in panel mount applications.



### FC Adapter

Description:FC adapter has a metal housing and either a precision zirconia or a rugged phosphor bronze sleeve. Zirconia sleeve enables stable connection and thus enhances performance, and is ideal for single mode applications. Phosphor bronze sleeve provides durability, and is ideal for multimode applications. Square flange mount and "D" hole mount styles are available.



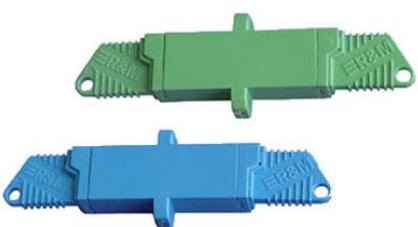
### MTRJ Adapter

Description:The single mode and multi mode MT-RJ products are used in two fiber optical interconnects and are therefore well suited for high density applications. The MT-RJ Adapter comes standard in black, with additional colors available. An MT-RJ Adapter with SC style housing is also available for applications where SC footprint is required.



### MU Adapter

Description: MU adapters are comprised of a polymer outer body and inner assembly fitted with a precision alignment mechanism. These adaptors are precision made and manufactured to demanding specifications. The combination of a ceramic/ bronze alignment sleeves and precision moulded polymer housing provides consistent long-term mechanical and optical performance.



### E2000 Adapter

Description: The E2000 Fiber Optic Adaptor features injection-molded PBT housing, rated to the UL94V-01 Flammability Index. Spring-loaded shutters protect against dust and scratching. A high quality split ceramic sleeve ensures high performance over 1000 mating cycles.



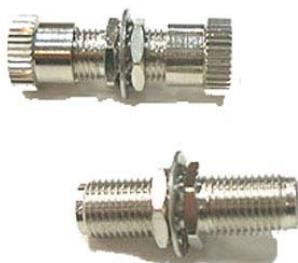
### MPO Adapter

Description: The MPO Fiber Optic Adaptor is to provide MPO Patchcord to MPO patchcord Fiber connecting. MPO Optical Adaptors are flange type adaptors with plastic housing, both single mode and multimode ones available. MPO Adaptors are used in high-density backplane and Printed Circuit Board (PCB) applications in data and telecommunications systems. They offer up to 12 times the density of standard connectors. The MPO adapters provide significant space and cost savings.



### DIN Adapter

Description: We supply DIN fiber optic adaptor which come with zirconia sleeves and threaded size. DIN Optical Adaptors are available in single mode type and multimode types. DIN 47256 (LSA) feature a single unit body with spring-loaded free floating zirconia ferrule. This unique connector offers superior performance in a compact DIN47256 compatible design suitable for various applications. The DIN Adaptors are consistent performance and durability.



### SMA Adapter

Description: SMA Fiber Optic Adaptors, these FSMA mating adapter can be used with all standard FSMA fiber optic connectors and are suitable for panel mounting. Standard FSMA ( $\varnothing=3.175$  mm) fiber optic connectors are used for LAN, MAN, WAN, Test & Measurement, Industry, Medical and Sensors applications.



### Hybrid Adapter

Description: Hybrid adapters are used to connect optical connectors of different type. are very useful in connecting patchcords with different connector. have low insertion loss and high return loss. supply a wide range of different kinds of hybrid optical fiber adapters with most popular connector type,such as LC,SC,ST,FC,E2000,MU in single mode, multi mode ,UPC & APC.

### Features :

- Compliance with Bellcore 326 and TIA/EIA 604 Standard
- Hight Precision
- Easy Installation
- Low insertion loss
- Good exchangeability and repeatability
- Zirconia or phosphor-bronze sleeve

### Applications:

- Telecommunication
- Computer networks
- CATV networks
- Active device termination
- Instrumentation
- Fiber To the Home

### Specifications:

Characteristics	Unit	Single Mode	Multimode
Insertion Loss (IL)	dB	≤0.25	
Exchangeability	dB	IL≤0.2	
Repeatability (500 remates)	dB	IL≤0.3	
Sleeve material	-	Zirconia	Phosphor Bronze
Housing material	-	Plastic	Metalic
Operating Temperature	° C	- 40 ~ +70	
Storage Temperature	° C	- 40 ~ +70	

# KINGTON Fiber Optic System

Male to female fiber optic attenuators are doped fiber attenuators, providing low wavelength sensitivity, high stability, high return loss and good reliability. This makes our attenuators well suited for EDFA, DWDM and other high-power output applications. Their performances completely meet the standard Telcordia GR-910-CORE.



## Features :

- Fixed attenuation values of 1 to 30dB
- Precise attenuation value
- Excellent reflectance
- Environmentally stable
- UPC and APC available
- 1310nm and 1550nm dual wavelength
- Low PDL

## Applications:

- Telecommunication Networks
- CATV
- LAN
- FTTx
- Subscriber Loop

## Specifications:

Characteristics	Unit	Conditions	Values
Attenuation	dB	UPC	1 ~ 30
		APC	
Return Loss	dB	UPC	>50
		APC	>60
Operating Wavelength	nm		1310 and 1550, 1240 - 1600
Attenuation Accuracy	-	1 ~ 4dB	≤ 0.5dB
		5 ~ 30dB	<10%
Operating Temperature	° C	—	-40 ~ +75
Storage Temperature	° C	—	-40 ~ +85
Polarization Dependent Loss	dB	—	<0.2
Relative Humidity	%	75° C	95
Vibration	dB	10 ~ 55, 2Hrs	△IL ≤ 0.2
Impact	dB	1.5m, 5 drops	△IL ≤ 0.2

Collimator variable optical attenuator is an useful tool for the optical components and systems test.



### Features :

- Wide attenuation range
- High precision
- Low original loss
- Compact size

### Applications:

- Fiber communication on system test
- Optical passive component test
- Optics lab use

### Specifications:

Parameter	1310	1550	1310/1550 Dual window	850, 1310
Wavelength (nm)	$1310 \pm 40$	$1550 \pm 40$	$1310 \pm 40$ & $1550 \pm 40$	$850 \pm 40$ or $1310 \pm 40$
Attenuation range (dB)	0.6 ~ 60	0.6 ~ 60	0.8 ~ 60	0.8 ~ 40
Original loss (dB)	$\leq 0.6$	$\leq 0.6$	$\leq 0.8$	$\leq 0.8$
Return loss (dB)	$\geq 50$			$\geq 30$
Adjustment Precision (dB)	0.02			
Fiber type	SMF-28			50/125 or 62.5/125 multi-mode
PDL (dB)	$\leq 0.15$			
Operating temperature (°C)	0 ~ +70			
Storage temperature (°C)	- 40 ~ +85			

\*Output connector can be made on customer's request.

In-line fixed attenuator utilizes fused fiber to achieve attenuation. Each cord is custom built to accommodate up to 10 meters of cable and the connectors styles of your choice.



### Features :

- High stability
- High durability
- Low Polarization Dependent Loss

### Applications:

- EDFA
- DWDM
- CATV
- Wide Area Networks
- High Power Applications

### Specifications:

Characteristics	Unit	Conditions	Values
Attenuation	dB	UPC	1 ~ 25
Return Loss	dB	UPC	>50
Operating Wavelength	nm		1310 and 1550
Attenuation Accuracy	-	1 ~ 4dB	<0.5dB
		5 ~ 25dB	<10%
Operating Temperature	° C	—	-40 ~ +75
Storage Temperature	° C	—	-40 ~ +85
Polarization Dependent Loss	dB	—	<0.2

\*Output connector can be made on customer's request.

The adapter attenuator mounts in place of the standard bulkhead adapter. These products are filter-type attenuators. Bulkhead type attenuators are available for singlemode ST, SC, LC and FC connectors. They are available in fixed 3, 5, 10, 15dB ect. Select from 1310nm or 1550nm options.



### Features :

- Fixed attenuation values of 1 to 25dB
- Precise attenuation value
- Excellent reflectance
- Environmentally stable
- 1310nm and 1550nm dual wavelength
- Low PDL

### Applications:

- Telecommunication Networks
- CATV
- LAN
- FTTx
- Subscriber Loop

### Specifications:

Characteristics	Unit	Conditions	Values
Attenuation	dB	UPC	1 ~ 25
Return Loss	dB	UPC	>50
Operating Wavelength	nm		1310 and 1550
Attenuation Accuracy	-	1 ~ 4dB	<0.5dB
		5 ~ 25dB	<10%
Operating Temperature	° C	—	-40 ~ +75
Storage Temperature	° C	—	-40 ~ +85
Polarization Dependent Loss	dB	—	<0.2



### Features :

- High Directivity
- Low Insertion Loss
- Low PDL
- Excellent Environmental Stability

### Applications:

- Fiber In The Loop (FITL)
- Local Area Networks (LAN)
- Cable Television (CATV)
- Long Haul Telecommunications
- Fiber Optical Sensors
- Test Equipment

### Specifications Based on 50/50 coupling ratio coupler:

Type	Single Window		Dual Window	
Fiber Type	SMF-28			
Operation Wavelength	1310±40nm or 1550±40nm			1310±40nm or 1550±40nm
Grade	Super	High	Super	High
Insertion Loss(dB)(Max)	3.4	3.6	3.6	3.8
Uniformity(dB)(Max)	0.6	1.0	0.8	1.2
Polarization Dependent Loss(dB)(Max)	0.1	0.15	0.15	0.2
Thermal Stability(dB/°C)(Max)	0.002			
Directivity(dB)(Min)	55			
Return Loss(dB)(Min)	55			
Operating Temperature(°C)	-40 to +70			
Storage Temperature(°C)	-40 to +85			

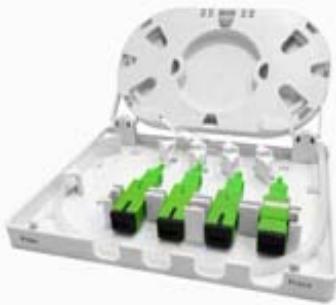
### Specifications of Coupling Ratio/Insertion Conversion Chart:

Type	Single Window		Dual Window	
Grade	Super	High	Super	High
50/50	3.4	3.6	3.6	3.8
40/60	4.4/2.5	4.7/2.8	4.7/2.7	5.0/2.9
30/70	5.8/1.9	6.1/2.0	6.0/1.9	6.4/2.1
20/80	7.7/1.2	8.0/1.3	7.9/1.2	8.5/1.4
10/90	10.8/0.6	12.0/0.8	11.3/0.6	12.7/0.8
5/95	14.6/0.4	18.4/0.5	15.2/0.6	18.9/0.5

# KINGTON

yes,we are kington,we never stop...

FTTH



FTTH Series

ODF/Panel/Termination Box/Wall Mount Box/Closures/Cabinets/Toolkit etc...



Rack



Rotate



Drawer

Part No	Fiber Capacity	Dimension
FDF-12	1-12Core	480X300X1U
FDF-24	12-24Core	480X300X1U
FDF-48	24-48Core	480X300X2U

Part No	Fiber Capacity	Dimension
KT-PNRM12	1-12Core	480X315X1U
KT-PNRM24	12-24Core	480X315X1U

Part No	Fiber Capacity	Dimension
KT-PNDR12	1-12Core	480X300X1U
KT-PNDR24	12-24Core	480X300X1U
KT-PNDR48	24-48Core	480X300X2U

**Features :**

- Various removable adaptor plates
- Quick field installation
- Removable doors for easy access
- Retractable splicing tray

**Applications:**

- Fiber Optic Telecommunication
- CATV System
- LAN (Local Area Network)
- Optical Network Equipments
- High Speed Transmission Systems



### Adapter outlet

Description :Applicable in the straight through or branch connection of indoor optical cable Available for the distribution and terminal connection of various kinds of optical fiber system Fit for wall mounted,especially for mini-network terminal distribution. available for FC,SC,ST,LC etc.



### Pigtail Outlet

Description :Applicable in the straight through or branch connection of indoor optical cable Available for the distribution and terminal connection of various kinds of optical fiber system Fit for wall mounted,especially for mini-network terminal distribution.



### Mini Terminal Box

Description:This box could be used for wall-mounted and rack-mounted applications;The base and cover of the box adopts “self-clip” method, which is easy and convenient to open and close;Could be used for adaptors such as SC,FC,E2000, etc; The max capacity is 4 fibers.



### Splitter Termination Box

Description:Applicable in FTTH project Suitable for corridor,basement,room and building's outer walls application With the function of mechanical splice,fusion splice, light splitting,wiring distributions

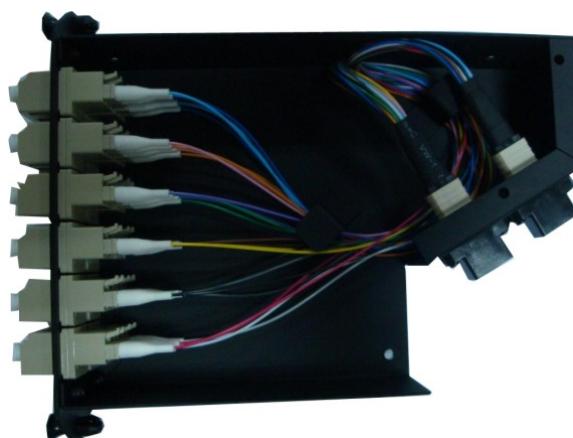
### Features :

- Industry Standard User Interface, be made of high impact plastic.
- Can accommodate 1x8 & 1X16 PLC splitter.
- Anti-UV, Ultra violet resistant and rainfall resistant.
- Up to 16 FTTH drops.
- Wall and pole mountable.
- 2 inlet ports, 16 outlet ports.

### Applications:

- Widely used in FTTH access network.
- Telecommunication Networks
- CATV Networks
- Data communications Networks
- Local Area Networks

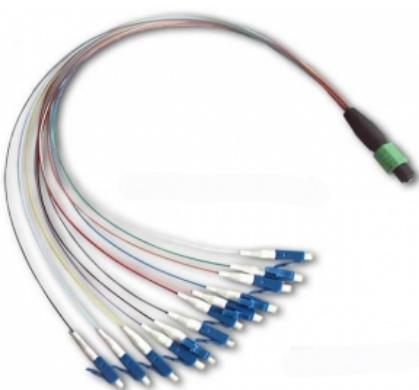
# KINGTON Fiber Optic System



MPO panels are designed to enable a fiber network to be installed and commissioned in the shortest possible time. All the components are pre-assembled and easy to be installed to the shelf. It is a perfect solution for optical fiber installations and management.

## Features :

- Easy for installation and operation.
- 19" standard structure.
- Sliding tray design.
- Available for the installation of FC/SC/ST/LC adapters



MPO patch cord is a new type of optical patch cord. Suitable for jump connection in high density and low loss computer room equipment. Reduce room space greatly.

## Features :

- Available for 4, 8, 12 cores MPO ribbon patch cord and ribbon fan-out patch cord
- RJ45 pluggable locking structure
- Connections: MT-type



Part No	Fiber Capacity	Dimension
KT-WTB-5A-12	1-12Core	455X405X80
KT-WTB-5A-24	12-24Core	455X405X80
KT-WTB-5A-48	24-48Core	455X405X120
KT-WTB-5A-72	48-72Core	455X405X150



Part No	Fiber Capacity	Dimension
KT-WTB-5B-12	1-12Core	455X405X80
KT-WTB-5B-24	12-24Core	455X405X80
KT-WTB-5B-48	24-48Core	455X405X120
KT-WTB-5B-72	48-72Core	455X405X150



Part No	Fiber Capacity	Dimension
KT-WTB-5AD-12	1-12Core	350X350X80
KT-WTB-5AD-24	12-24Core	350X350X80



Part No	Fiber Capacity	Dimension
KT-WTB-5BD-12	1-12Core	300X350X80
KT-WTB-5BD-24	12-24Core	300X350X80

## Features :

- Various removable adaptor plates
- Quick field installation
- Removable doors for easy access
- Retractable splicing tray

## Applications:

- Fiber Optic Telecommunication
- CATV System
- LAN (Local Area Network)
- Optical Network Equipments
- High Speed Transmission Systems



This frame is made of top quality steel and deformed aluminum alloy and treated with galvanizing, oxidation and electrostatic plastic spraying. The frame has solid structure and pleasing appearance.

### Applications:

- Fiber Optic Telecommunication
- CATV System
- LAN (Local Area Network)
- Optical Network Equipments
- High Speed Transmission Systems

### Features :

- Provides greater flexibility for a variety of

Dimensions (H * W * D)mm	Modules (72FO each)	Capacity (FC)	Capacity (SC and LC)
2600X840X300	12	864 FO	1729 FO
2200X840X300	8	576 FO	1152 FO
2000X840X300	7	504 FO	1008 FO

### ODF Unit Box



Part No	Fiber Capacity	Dimension
KT-UN-12	1-12Core	480X235X1U
KT-UN-24	12-24Core	480X235X2U
KT-UN-48	24-48Core	480X235X3U
KT-UN-72	48-72Core	480X235X4U

### Features :

- Removable panel design can meet different
- Fit for 19" rack
- Suitable for SC/LC/FC/ST,etc

### Applications:

- Optical access network (OAN)
- Data processing centers
- Cable television (CATV)
- Local area network (LAN)
- FTTH



Splitting light by inserting splitter module, save construction costs. New type of lock, high security. Stainless steel body material, protective performance reaches IP65. New sliding type fixed structure for cable, flexible operation. Reasonable bend radius.

Max capacity config (capacity/splitting spot)

Part No	Max capacity config (capacity/splitting spot)	Dimension (MM)
KT-ODC05-A	192/128	1450X750X320
KT-ODC05-B	96/64	1250X650X320
KT-ODC05-C	384/256	1450X750X620

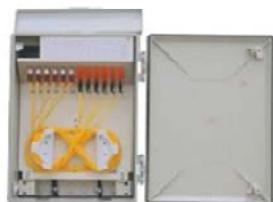


Applied in active link with trunk optical cables and cable distribution, accomplishing fusion, storage, distribution and dispatch for the cables.

Standard case body, made of high intensity, anti-corrosive, anti-aging special composite material. Adapting various bad weather condition, with reliable sealing, water-proof and damp-proof.

Splicing & distribution integration module with adaptor assembling, fusion and connection, storage in integration, inserted assembling

Available for different type of adaptors such as FC, SC, ST. Adaptors assembling with deflexion of 30° to ensure fiber pigtail bending radius, with perfect control winding ring of the fiber in horizontal and vertical. The bottom end is assembled with spare splice tray, for direct fusion and connection of trunk optical cables and distribution cables.



Part No	Max capacity (cores)	Dimension (MM)
KT-ODC04-A	288	750X1450X360
KT-ODC04-B	144	480X300X950
KT-ODC04-C	576	750X1450X620
KT-ODC04-D	48	450X320X180

**KINGTON** Fiber Optic System


Type	KT-V8-3
Product outlook size	Long:410mm Diameter:140
Product material quality	PC(Polycarbonate)
Product weight	Approximately2.5kg
Suitable Dia of cable	8-18mm
Fibers/Tray	12 Or24
Max capacity(F)	96



Type	KT-V8-2
Product outlook size	Long:410mm Diameter:140
Product material quality	PC(Polycarbonate)
Product weight	Approximately2.5kg
Suitable Dia of cable	8-22mm
Fibers/Tray	12 Or24
Max capacity(F)	48



Type	KT-V8-3
Product outlook size	Long:375mm Diameter:120
Product material quality	ABS
Product weight	Approximately2.2kg
Suitable Dia of cable	8-18mm
Fibers/Tray	12
Max capacity(F)	60



Type	KT-V8-4
Product outlook size	Long:470mm Diameter:160
Product material quality	PC(Polycarbonate)
Product weight	Approximately3kg
Suitable Dia of cable	8-18mm
Fibers/Tray	12 Or24
Max capacity(F)	144



Type	KT-V8-6
Product outlook size	Long:410mm Diameter:140
Product material quality	PC(Polycarbonate)
Product weight	Approximately2.5kg
Suitable Dia of cable	8-18mm
Fibers/Tray	12 Or24
Max capacity(F)	48



Type	KT-V8-7
Product outlook size	Long:500mm Diameter:250
Product material quality	PC(Polycarbonate)
Product weight	Approximately 4kg
Suitable Dia of cable	8-40mm
Fibers/Tray	12 Or24
Max capacity(F)	288



Type	KT-V8-8
Product outlook size	Long:410mm Diameter:140
Product material quality	PC(Polycarbonate)
Product weight	Approximately2.5kg
Suitable Dia of cable	8-18mm
Fibers/Tray	12 Or24
Max capacity(F)	96

**KINGTON** Fiber Optic System


Type	KT-V8-10
Product outlook size	Long:480mm Diameter:240
Product material quality	PC(Polycarbonate)
Product weight	Approximately 3kg
Suitable Dia of cable	8-40mm
Fibers/Tray	12 Or24
Max capacity(F)	144



Type	KT-V8-11
Product outlook size	Long:410mm Diameter:140
Product material quality	PC(Polycarbonate)
Product weight	Approximately 2.5kg
Suitable Dia of cable	8-20mm
Fibers/Tray	12 Or24
Max capacity(F)	48



Type	KT-V8-A
Product outlook size	Long:480mm Diameter:240
Product material quality	PC(Polycarbonate)
Product weight	Approximately 3kg
Suitable Dia of cable	8-18mm
Fibers/Tray	12 Or24
Max capacity(F)	144



Type	KT-H9-1
Product outlook size	465*180*122
Product material quality	PC(Polycarbonate)
Product weight	Approximately 2.5kg
Suitable Dia of cable	8-22mm
Fibers/Tray	12 Or24
Max capacity(F)	48



Type	KT-H9-2
Product outlook size	400*200*122
Product material quality	PC(Polycarbonate)
Product weight	Approximately 2.5kg
Suitable Dia of cable	8-20mm
Fibers/Tray	12 Or24
Max capacity(F)	48



Type	KT-H9-4
Product outlook size	555*240*123
Product material quality	PC(Polycarbonate)
Product weight	Approximately 5kg
Suitable Dia of cable	8-23mm
Fibers/Tray	12 Or24O48
Max capacity(F)	288



Type	KT-H9-6
Product outlook size	400*200*122
Product material quality	PC(Polycarbonate)
Product weight	Approximately 2.5kg
Suitable Dia of cable	8-22mm
Fibers/Tray	12 Or24
Max capacity(F)	48

**KINGTON** Fiber Optic System


Type	KT-H9-7
Product outlook size	450*216*160
Product material quality	PC(Polycarbonate)
Product weight	Approximately 3kg
Suitable Dia of cable	8-23mm
Fibers/Tray	12 Or24
Max capacity(F)	144



Type	KT-H9-8
Product outlook size	450*216*110
Product material quality	PC(Polycarbonate)
Product weight	Approximately2.5kg
Suitable Dia of cable	8-23mm
Fibers/Tray	12 Or24
Max capacity(F)	48



Type	KT-H9-11
Product outlook size	370*185*145
Product material quality	PC(Polycarbonate)
Product weight	Approximately2.5kg
Suitable Dia of cable	8-20mm
Fibers/Tray	24
Max capacity(F)	96



Type	KT-H9-15
Product outlook size	250*190*75
Product material quality	PC(Polycarbonate)
Product weight	Approximately1.5kg
Suitable Dia of cable	8-26mm
Fibers/Tray	12
Max capacity(F)	48



Type	KT-H9-17
Product outlook size	520*200*120
Product material quality	PC(Polycarbonate)
Product weight	Approximately3.5kg
Suitable Dia of cable	8-23mm
Fibers/Tray	12 Or24
Max capacity(F)	144



Type	KT-H9-18
Product outlook size	520*200*120
Product material quality	PC(Polycarbonate)
Product weight	Approximately3kg
Suitable Dia of cable	8-23mm
Fibers/Tray	12 Or24
Max capacity(F)	48



Type	KT-H9-A
Product outlook size	555*240*123
Product material quality	PC(Polycarbonate)
Product weight	Approximately 5kg
Suitable Dia of cable	8-23mm
Fibers/Tray	12 Or24O48
Max capacity(F)	288

# KINGTON Fiber Optic System



## Fiber Polish Machine

Description: Apply for all types of fiber connectors,  $\phi$  2.5/  $\phi$  1.25 mm curved surface polishing& flat surface polishing.



## Optical Return loss/Power Meter

Description: Insertion Loss/Return Loss Test Station is a high performance loss test station that is designed specially for Optical Passive Components production Test and Lab Test. It combines three different working modes as a return loss meter, optical power and loss meter and a stable laser source in one test station.



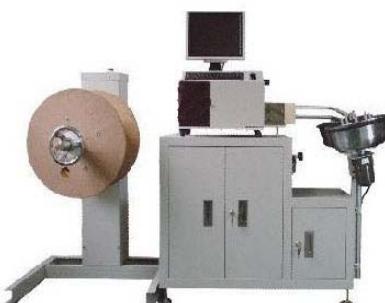
## Fiber Optic Video Inspection

Description: The system includes a video inspection module , a black and white monitor, and a p2.5 ferrule adapter .



## Fiber Pneumatic Crimper

Description: Special designed for crimp fiber connectors. Foot switch provide force reduction.



## Optical Cutting Machine

Description: Metering,coiling and cutting the cable automatically  
Flexible cable length setting and adjustable coiling diameter  
Adjustable speed setting

# KINGTON Fiber Optic System



## Fiber Curing Oven

Description:Designed for curing epoxy of fiber connectors. Two set of heating plates are supplied.

## Fiber Fusion Splicer

- Color LCD monitor & 256 magnification
- Compact & Light weight
- Reversible monitor with control panel on each side
- Max. wind velocity of 15m/s.
- 8 Sec. splice time, 40 Sec. tube-heat time
- Simultaneous X and Y views
- Large capacity internal battery
- SYSTEM TEST ensures the best working condition
- User programmable
- Auto check fiber end face
- Auto calibrate parameters
- Store 8000 groups of splice results
- Multiple language options

## OTDR Launch Cable Box

Description:Designed to aid in the testing of fiber optic cable when using an OTDR. The OTDR Launch Fiber box is used with Optical Time Domain Reflectometers (OTDR's) to help minimize the effects of the OTDR's launch pulse on measurement uncertainty. Available in many different configurations and fiber lengths.

## Optic Laser Source&Power meter

Description:Power meter is quite essential device both to construction and maintenance in optic fiber communication, CATV and FTTH. Laser Source Equipped with high steady basic laser source, use the international latest integrated chip specialized for hand-held meters. 2 wavelengths are supported ranging from 1310nm to 1550nm.

## Fiber Tools Kit

Description:Fiber optic polishing and termination tool kits contains all of the latest popular fiber optic tools and consumable material necessary for epoxy and polish connector terminations(SC/ST/FC etc..connectors).

# KINGTON

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