

KINGTON

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



Fiber Optic System

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 11 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



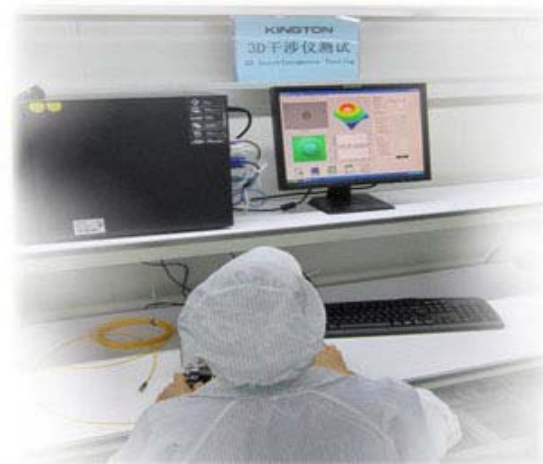
Reception



Office



PLC Splitter Alignment Machine



Patch Cord Interferometer Testing

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Fiber PLC Splitter

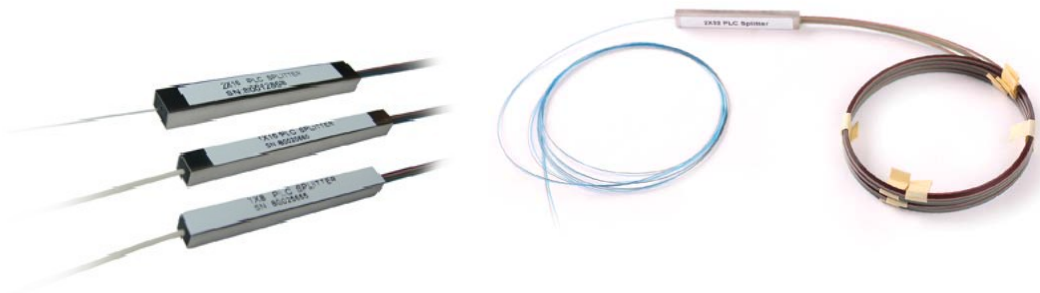
It is used for small spaces can be easily placed in a formal joint boxes and splice closure, In order to facilitate welding, does not need specially designed for space reserved. KINGTON PLC splitter family features either ribbon or individual fiber output, KINGTON provides whole series of 1xN and 2xN 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

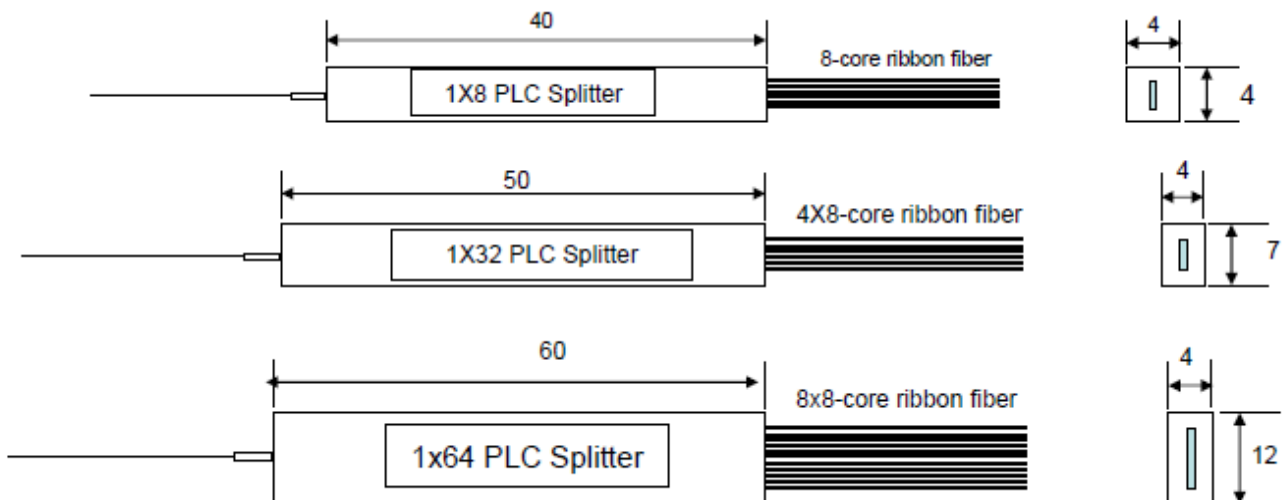
Features:

- 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

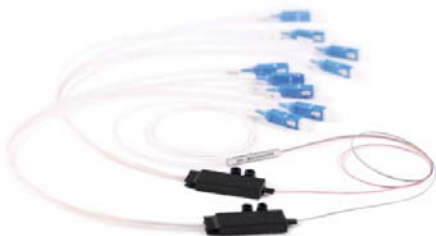
PLC splitter with fan-out is mainly used for 0.9mm optical fiber where the ribbon fiber can converted to 0.9mm optical fiber through fan-out, Fiber adapters can be provided both for the input and output ends of this kind of splitters so that they can be used directly to meet the low demand on the size 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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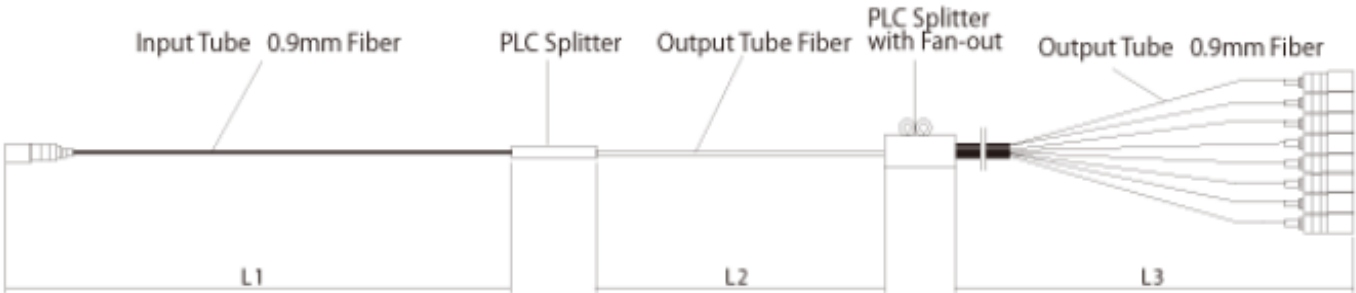
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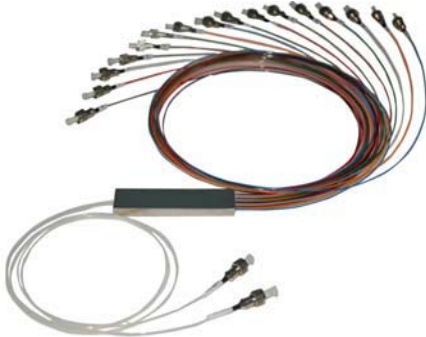
Port	1x2	1x4	1x8	2x4	2x8	1x16	2x16	1x32	2x32	1x64
WxHxL (mm)	4x4.5x45					4x7x50				4x12x60



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 require

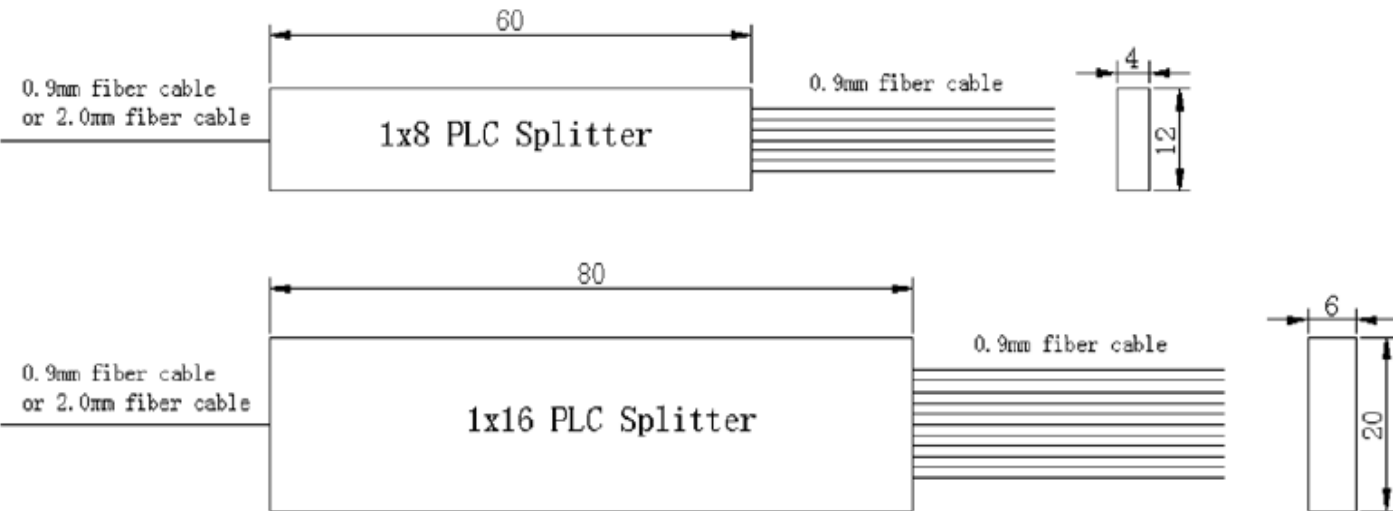
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Port	1x2	1x4	1x8	2x4	2x8	1x16	2x16	1x32	2x32	1x64
WxHxL (mm)	4x7x60					4x12x60		6x20x80		6x20x80



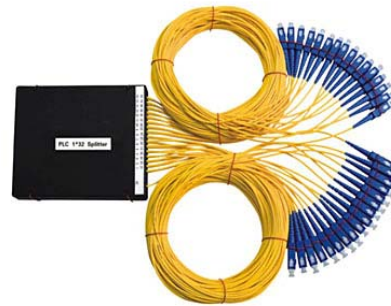
KINGTON offers a variety of cassette or box type splitter products that are connectorized and/or pluggable. PLC Splitter Modules are available in the form of either plastic module cassette, or LGX metal box with fiber diameters up to 3 mm. We also provide customized design for customer specific applications. 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-CO

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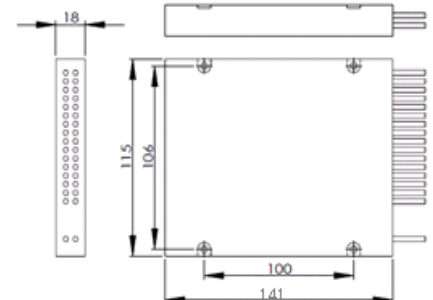
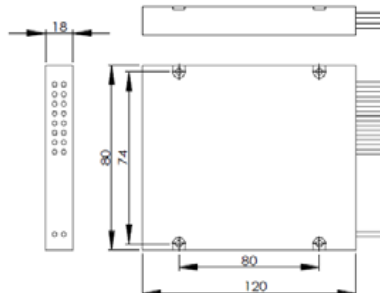
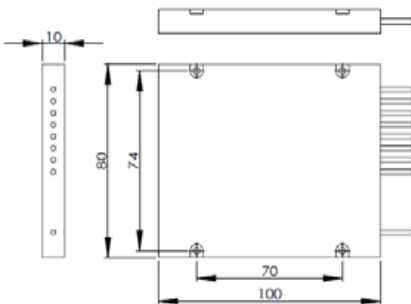
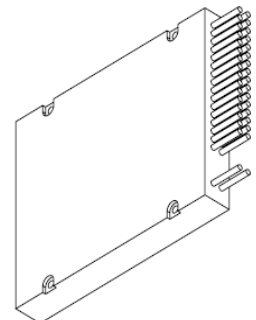
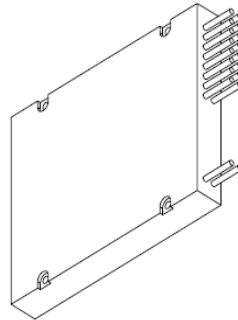
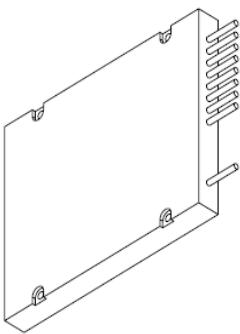
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Package Drawings:

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:

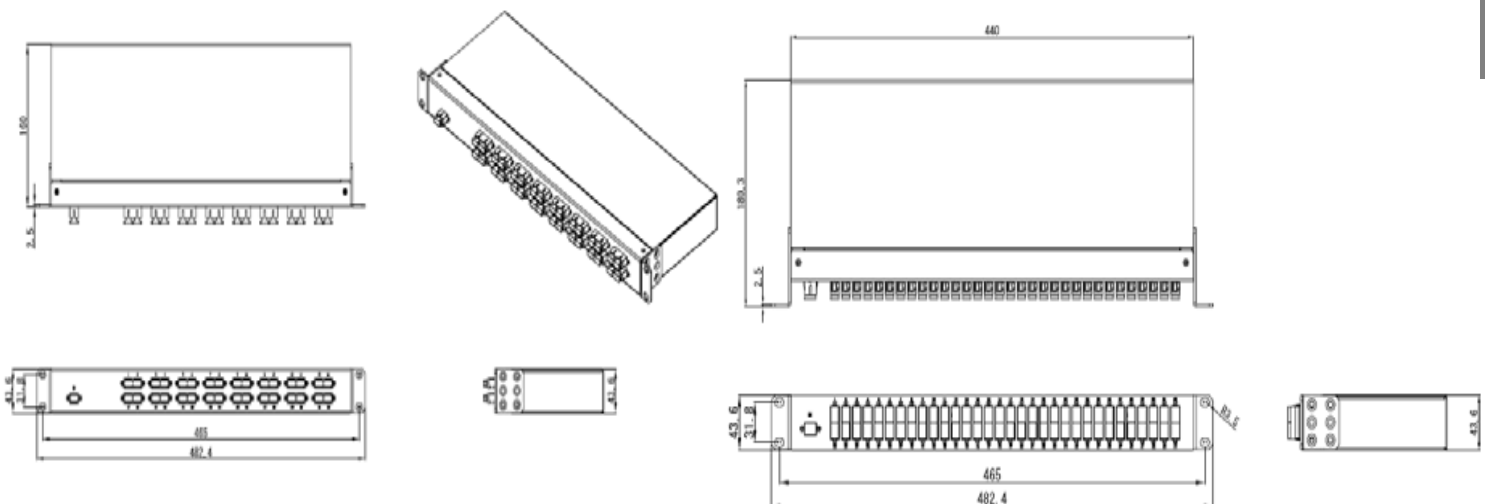
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Package Drawings:



PLC Splitter 19" 1U Rack mount

PLC Splitter 19" 2U Rack mount

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.

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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 pigtails 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



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



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PLC-Splitter-Tray

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



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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 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(±0.5)						
Polishing angle (°)	0° (± 0.3°) or 8° (±0.3°)						
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						

KINGTON

The background of the advertisement features a close-up, slightly angled view of several green fiber optic connectors. These connectors are arranged in a row, with their white circular ports visible. Below the connectors, a black rectangular device, identified as a 'KINGTON 1X8 PLC Splitter', is shown. The entire image has a light blue overlay.

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Tel: 86-755-26002961 755-26002962

Fax: 86-755-26002960

E-Mail: kington@kingtonoptic.com

**Factory Add: 3F,Industrial Park Gaoxin,No.95 Tangjiao Road,Tangjiao Village,
Changping Town,Dongguan,Guangdong,China 523578**