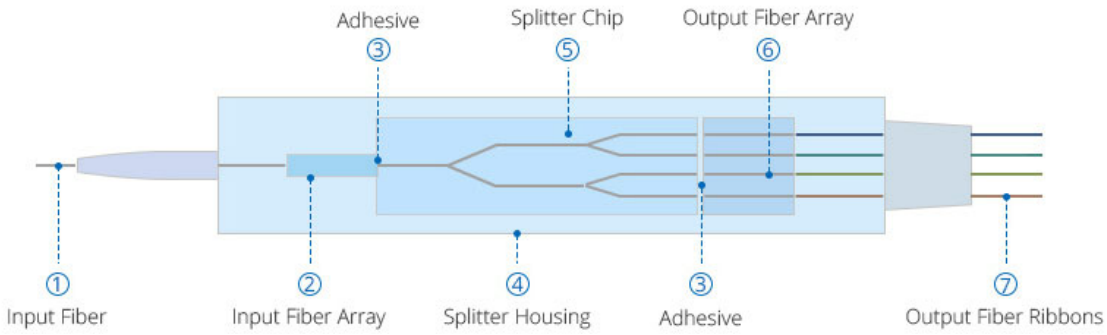
DATASHEET

Single Mode Fiber PLC Splitter

Make Highly stable optical signal distribution transmission



RoHS

OMC INDUSTRY CO.LIMTED

2018|En version1.0

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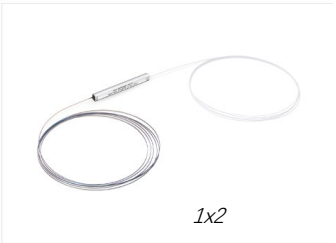
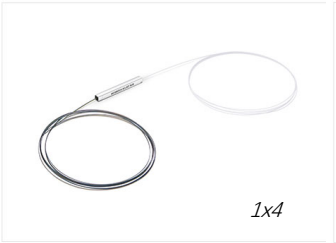
Fiber PLC Splitter-Bare Fiber type

Description

Planar lightwave circuit (PLC) splitter is an optical power distribution device based on the integrated waveguide of quartz plate. With the features of small size, wide range of operating wavelength, stable reliability and good uniformity, It's widely used in PON,ODN,FTTX point to connect between termination device and central office to achieve the signal splitter.

OMC 's Bare fiber PLC Splitter family has 1x2, 1x4, 1x8, 1x16, 1x32, 1x64, 2x2, 2x4, 2x8, 2x16, 2x32,2 x 64 PLC splitter, with specifications that are tailored for different applications and markets. Wide bandwidth, compact size. All products meets, ROHS, GR-1209-CORE-2001 and GR-1221-CORE-1999.


1x2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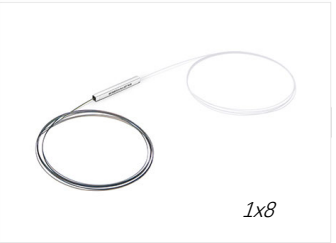

1x8


1x32

Specification

Parameter	Unit	Specification (P Grade)					
Operation Wavelength	nm	1260 ~ 1650					
Channel Number		1X2	1X4	1X8	1X16	1X32	1X64
Insertion Loss with Connector (Max)	dB	4.1	7.4	10.5	13.8	17.1	20.4
Insertion Loss without Connector (Max)	dB	3.8	7.1	10.2	13.5	16.8	20.1
Uniformity (Max.)	dB	0.6	0. 7	0.8	1.0	1.5	2.0
Polarization Dependent Loss	dB	0.2	0.2	0.2	0.3	0.3	0.3
Return Loss	dB	⩾50					
Directivity	dB	⩾55					

Parameter	Unit	Specification (P Grade)					
Operation Wavelength	nm	1260 ~ 1650					
Channel Number		2X2	2X4	2X8	2X16	2X32	2X64
Insertion Loss with Connector (Max)	dB	4.4	7.7	10.8	14.1	17.4	20.6
Insertion Loss without Connector (Max)	dB	4.1/4.3	7.4	10.5	13.8	17.1	20.3
Uniformity (Max.)	dB	0.6	0. 7	0.8	1.0	1.5	2.0
Polarization Dependent Loss	dB	0.2	0.2	0.2	0.3	0.3	0.5
Return Loss	dB	⩾ 50					
Directivity	dB	⩾55					

Environmental Conditions:

Operating Temperature	℃	-40 ~ +85
Storage Temperature	℃	-40 ~ +85
Operating Humidity	%RH	⩽93
Storage Humidity	%RH	⩽93

Cable Infor

Fiber type	G657A1
Pigtail cable	Bare fiber only
Connector	/
2xN Splitter	Only Single Chip

Fiber PLC Splitter-Bare Fiber type

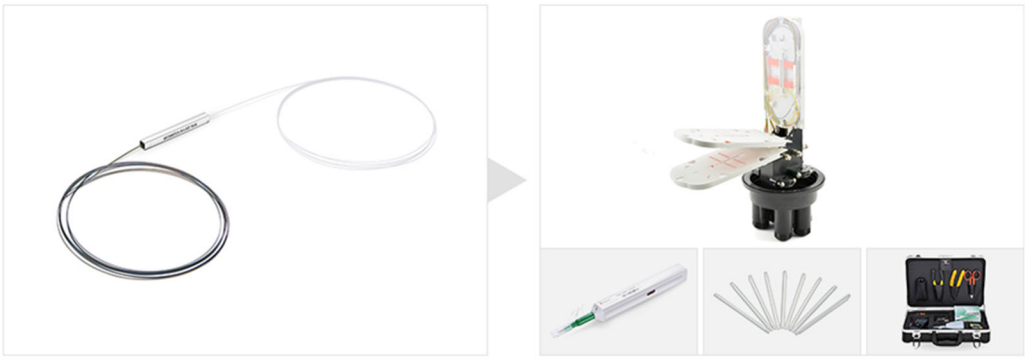
Dimension (mm)

Splitter	1X2	1X4	1X8	1X16	1X32	1X64
Cassette size	40×4×4	40×4×4	40×4×4	45x4.5x4	50x7x4	60×12×4
Splitter	2X2	2X4	2X8	2X16	2X32	2X64
Cassette size	40×4×4	45x4.5x4	45×4×4	60x7x4	65×7×4	60×12×4

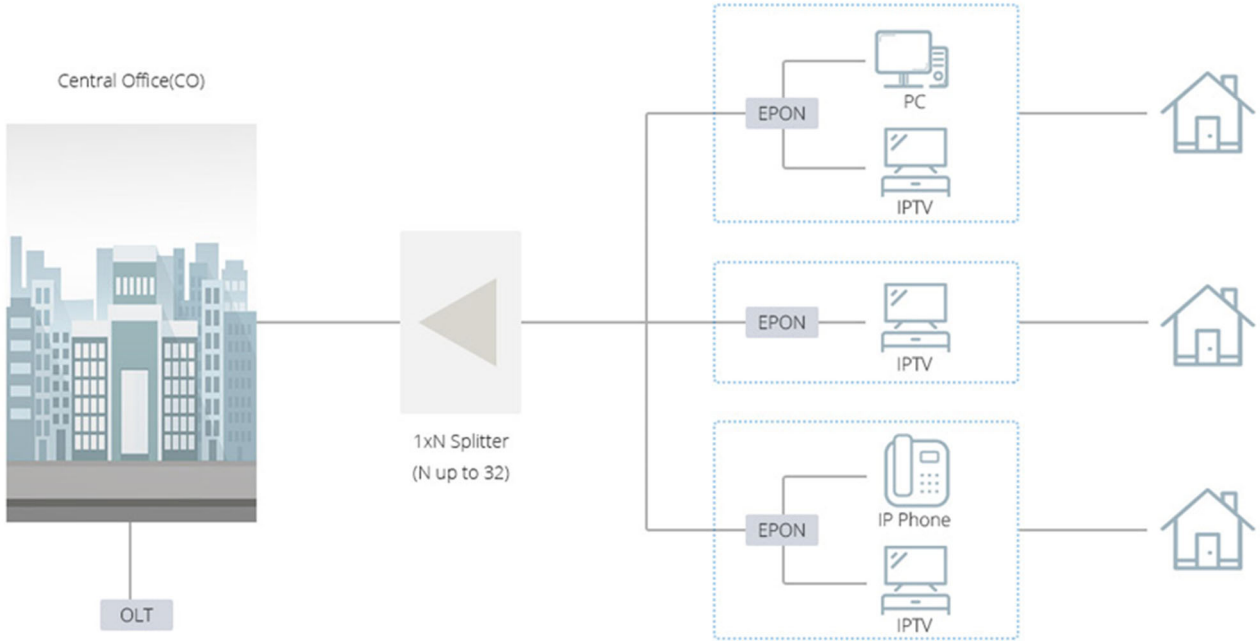
Application

The bare PLC splitter can allow a single GPON network interface to be shared among many subscribers and allow service providers to enable bandwidth-intensive applications. The following figure shows 1X8 bare PLC fiber splitter interconnected with GPON OLT and ONT through fiber optic splice closure.

Simple and Easy Connection
Bare PLC splitter can be easily installed in fiber splice closure or joint box for space saving.



Best Alternative for FTTx Solution
Being installed in an outside plant enclosure, PON splitter is used to distribute or combine optical signals, which gives carriers the ability to split optical signals to multiple homes or businesses.

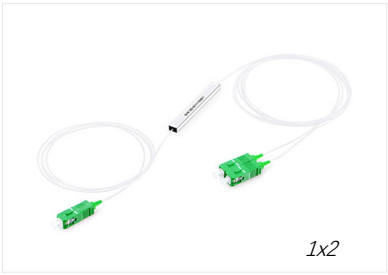


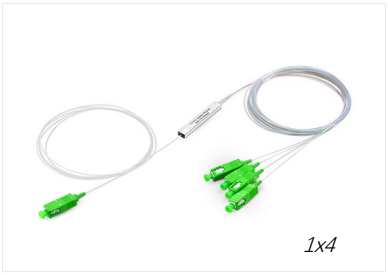
Fiber PLC Splitter-Blockless type

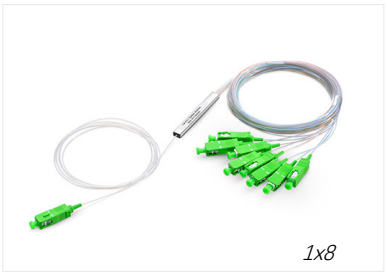
Description

Planar lightwave circuit (PLC) splitter is an optical power distribution device based on the integrated waveguide of quartz plate. With the features of small size, wide range of operating wavelength, stable reliability and good uniformity, It's widely used in PON,ODN,FTTX point to connect between termination device and central office to achieve the signal splitter.

OMC 's **Blockless PLC Splitter** family has 1x2, 1x4, 1x8, 1x16, 1x32, 1x64, 2x2, 2x4, 2x8, 2x16, 2x32,2 x 64 PLC splitter, with specifications that are tailored for different applications and markets. Wide bandwidth, compact size. All products meets, ROHS, GR-1209-CORE-2001 and GR-1221-CORE-1999.


1x2


1x4


1x8

Specification

Parameter	Unit	Specification (P Grade)					
Operation Wavelength	nm	1260 ~ 1650					
Channel Number		1X2	1X4	1X8	1X16	1X32	1X64
Insertion Loss with Connector (Max)	dB	4.1/4.4	7.4/7.9	10.5/11.0	13.8/14.1	17.1/17.4	20.4/21.0
Insertion Loss without Connector (Max)	dB	3.8/4.1	7.1/7.6	10.2/10.7	13.5/13.8	16.8/17.1	20.1/20.7
Uniformity (Max.)	dB	0.6	0. 7	0.8	1.0	1.5	2.0
Polarization Dependent Loss	dB	0.2	0.2	0.2	0.3	0.3	0.3
Return Loss	dB	≥45 (PC) ; 50 (UPC) ; 60 (APC)					
Directivity	dB	≥55					

Parameter	Unit	Specification (P Grade)					
Operation Wavelength	nm	1260 ~ 1650					
Channel Number		2X2	2X4	2X8	2X16	2X32	2X64
Insertion Loss with Connector (Max)	dB	4.4/4.6	7.7/8.1	10.8/11.3	14.1/14.4	17.4/17.7	20.6/21.3
Insertion Loss without Connector (Max)	dB	4.1/4.3	7.4/7.8	10.5/11	13.8/14.1	17.1/17.4	20.3/21.0
Uniformity (Max.)	dB	0.6	0. 7	0.8	1.0	1.5	2.0
Polarization Dependent Loss	dB	0.2	0.2	0.2	0.3	0.3	0.5
Return Loss	dB	≥45 (PC) ; 50 (UPC) ; 60 (APC)					
Directivity	dB	≥55					

Environmental Conditions:

Operating Temperature	℃	-40 ~ +85
Storage Temperature	℃	-40 ~ +85
Operating Humidity	%RH	≤93
Storage Humidity	%RH	≤93

Cable Infor

Fiber type	G657A1
Pigtail cable	900um
Connector	SC, LC,FC,ST,…….
2xN Splitter	Only Single Chip

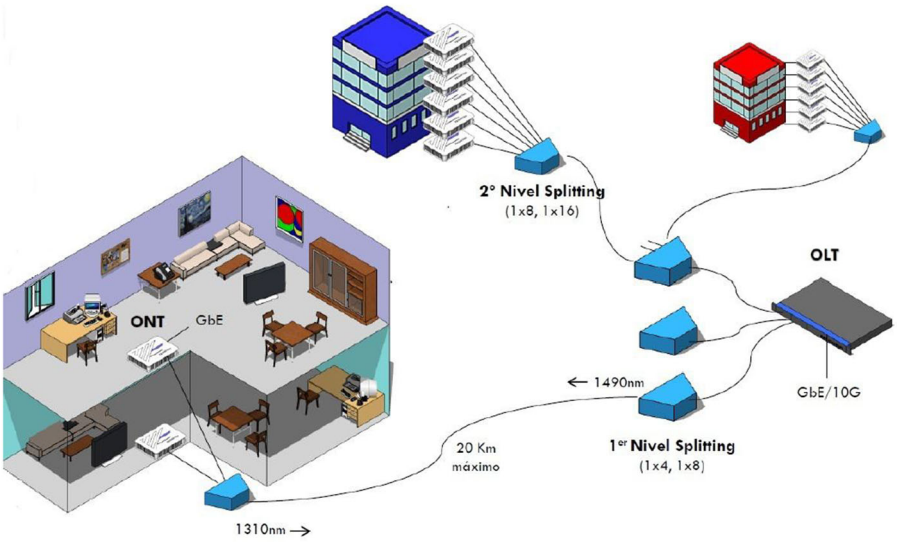
Fiber PLC Splitter-Blockless type

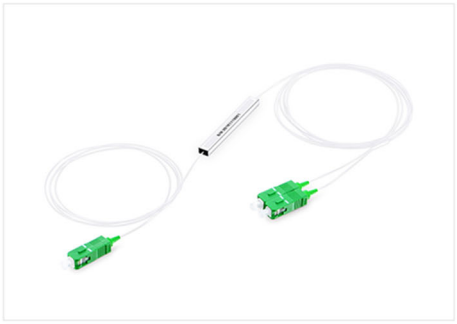
Dimension (mm)

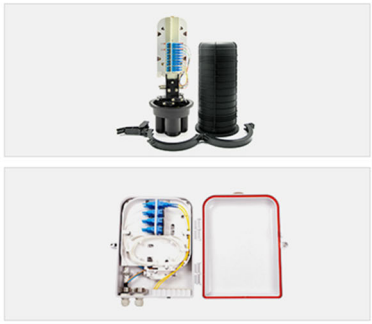
Splitter	1X2	1X4	1X8	1X16	1X32	1X64
Cassette size	60×7×4	60×7×4	60×7×4	60×12×4	80x20x6	100x40x6
Splitter	2X2	2X4	2X8	2X16	2X32	2X64
Cassette size	60×7×4	60×7×4	60×7×4	60×12×4	80x20x6	100x40x6

Application

The bare PLC splitter can allow a single GPON network interface to be shared among many subscribers and allow service providers to enable bandwidth-intensive applications. The following figure shows 1X8 bare PLC fiber splitter interconnected with GPON OLT and ONT through fiber optic splice closure.







Being installed in an outside plant enclosure, PON splitter is used to distribute or combine optical signals, which gives carriers the ability to split optical signals to multiple homes or businesses.

Best Alternative for FTTx Solution

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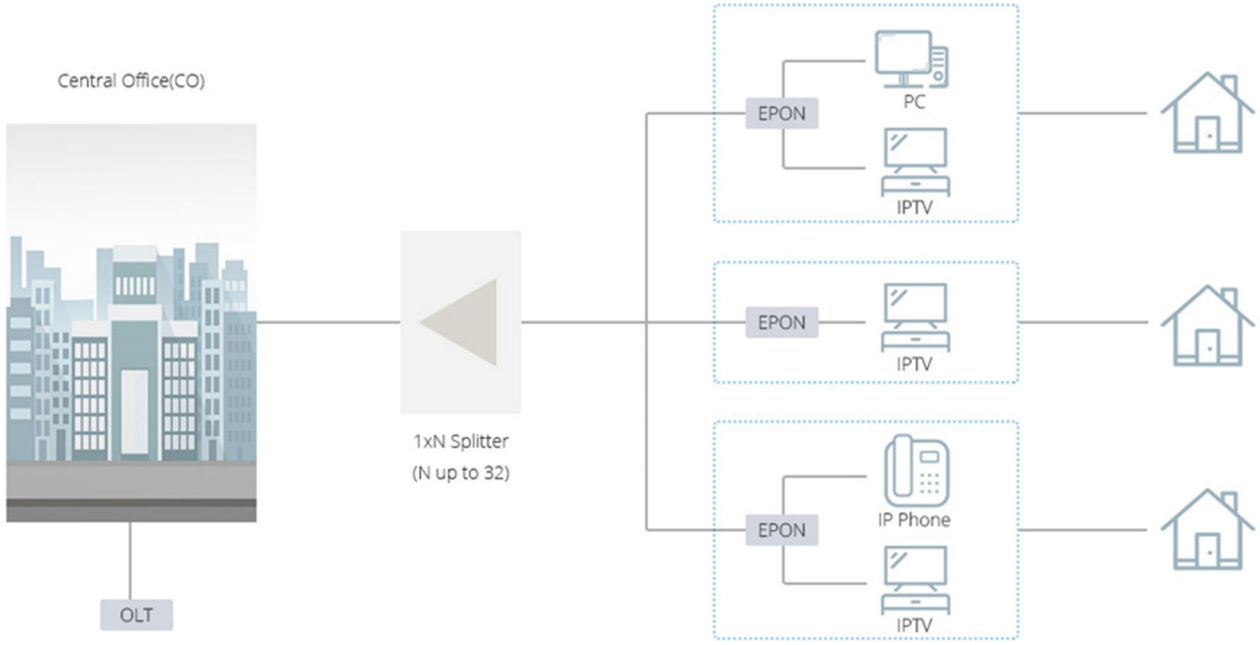


Fiber PLC Splitter-ABS Cassette type

Description

Planar lightwave circuit (PLC) splitter is an optical power distribution device based on the integrated waveguide of quartz plate. With the features of small size, wide range of operating wavelength, stable reliability and good uniformity, It's widely used in PON,ODN,FTTX point to connect between termination device and central office to achieve the signal splitter.

OMC 's **ABS Cassette PLC Splitter** family has 1x2, 1x4, 1x8, 1x16, 1x32, 1x64, 2x2, 2x4, 2x8, 2x16, 2x32,2 x 64 PLC splitter, with specifications that are tailored for different applications and markets. Wide bandwidth, compact size. All products meets, ROHS, GR-1209-CORE-2001 and GR-1221-CORE-1999.

1x2 0.9mm pigtail

1x8 0.9mm pigtail

1x16 0.9mm pigtail

1x32 0.9mm pigtail

1x2 2.0mm pigtail

1x4 2.0mm pigtail

1x32 2.0mm pigtail

Specification

Parameter	Unit	Specification (P Grade)					
Operation Wavelength	nm	1260 ~ 1650					
Channel Number		1X2	1X4	1X8	1X16	1X32	1X64
Insertion Loss with Connector (Max)	dB	4.1/4.4	7.4/7.9	10.5/11.0	13.8/14.1	17.1/17.4	20.4/21.0
Insertion Loss without Connector (Max)	dB	3.8/4.1	7.1/7.6	10.2/10.7	13.5/13.8	16.8/17.1	20.1/20.7
Uniformity (Max.)	dB	0.6	0. 7	0.8	1.0	1.5	2.0
Polarization Dependent Loss	dB	0.2	0.2	0.2	0.3	0.3	0.3
Return Loss	dB	⩾45 (PC) ; 50 (UPC) ; 60 (APC)					
Directivity	dB	⩾55					

Parameter	Unit	Specification (P Grade)					
Operation Wavelength	nm	1260 ~ 1650					
Channel Number		2X2	2X4	2X8	2X16	2X32	2X64
Insertion Loss with Connector (Max)	dB	4.4/4.6	7.7/8.1	10.8/11.3	14.1/14.4	17.4/17.7	20.6/21.3
Insertion Loss without Connector (Max)	dB	4.1/4.3	7.4/7.8	10.5/11	13.8/14.1	17.1/17.4	20.3/21.0
Uniformity (Max.)	dB	0.6	0. 7	0.8	1.0	1.5	2.0
Polarization Dependent Loss	dB	0.2	0.2	0.2	0.3	0.3	0.5
Return Loss	dB	⩾45 (PC) ; 50 (UPC) ; 60 (APC)					
Directivity	dB	⩾55					

Environmental Conditions:

Operating Temperature	℃	-40 ~ +85
Storage Temperature	℃	-40 ~ +85
Operating Humidity	%RH	⩽93
Storage Humidity	%RH	⩽93

Cable Infor:

Fiber type	G657A1
Pigtail cable	900um /1.6mm/1.8mm/2.0mm
Connector	SC, LC,FC,ST,…….
2xN Splitter	Only Single Chip

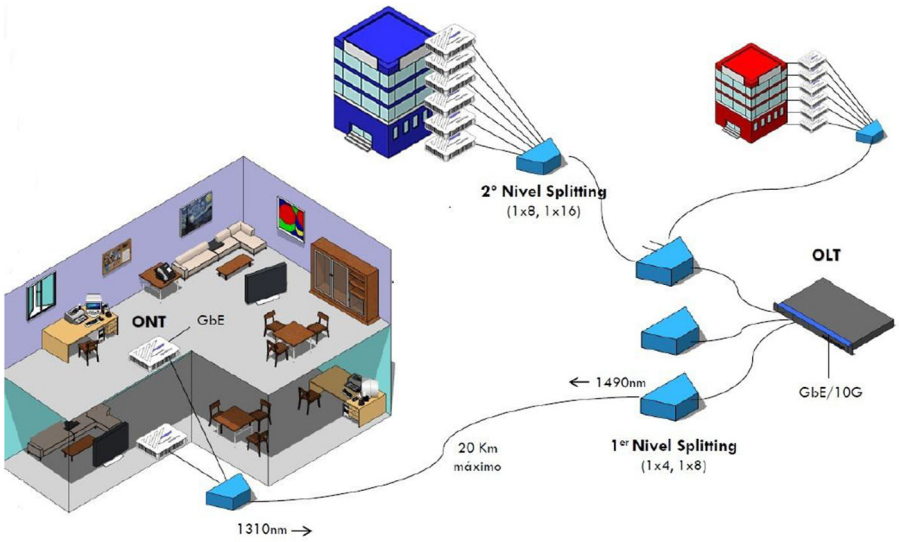
Fiber PLC Splitter-ABS Cassette type

Dimension (mm)

Splitter	1X2	1X4	1X8	1X16	1X32	1X64
Cassette size	100×80×10	100×80×10	100×80×10	120x80x18	120x80x18	140×114×18
Splitter	2X2	2X4	2X8	2X16	2X32	2X64
Cassette size	100×80×10	100×80×10	100×80×10	120x80x18	120x80x18	140×114×18

Application

The bare PLC splitter can allow a single GPON network interface to be shared among many subscribers and allow service providers to enable bandwidth-intensive applications. The following figure shows 1X8 bare PLC fiber splitter interconnected with GPON OLT and ONT through fiber optic splice closure.



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Best Alternative for FTTx Solution

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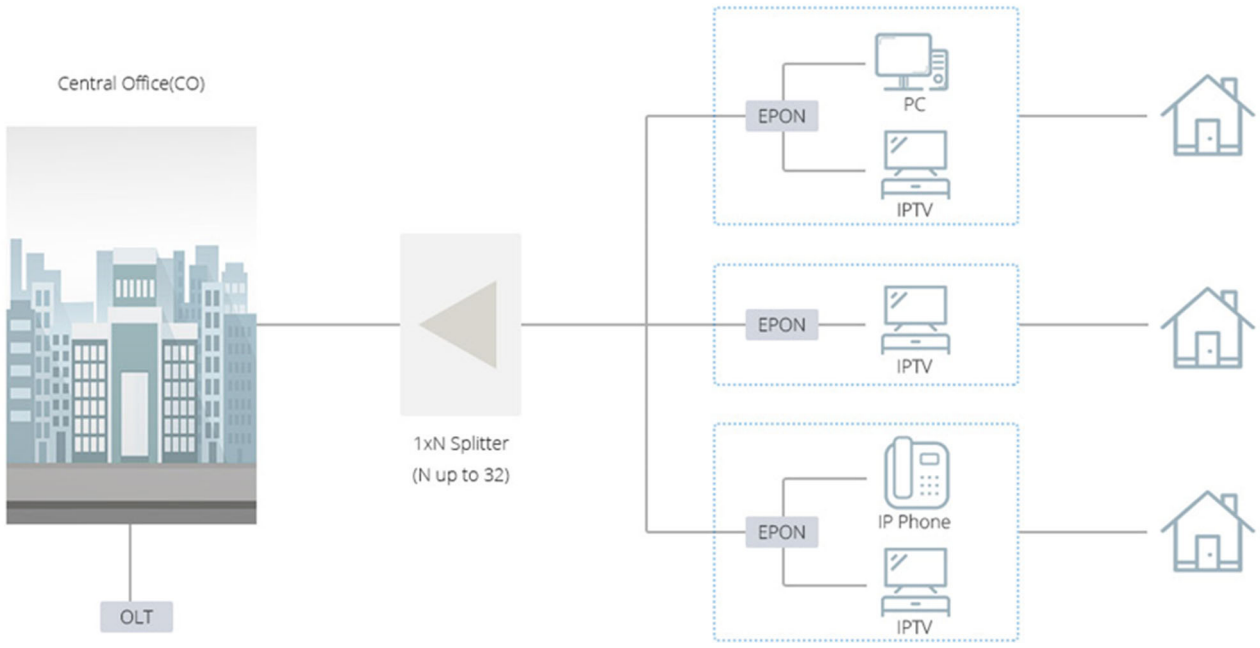


Fiber PLC Splitter-Rack mount integrated design

Description

Planar lightwave circuit (PLC) splitter is an optical power distribution device based on the integrated waveguide of quartz plate. With the features of small size, wide range of operating wavelength, stable reliability and good uniformity, It's widely used in PON,ODN,FTTX point to connect between termination device and central office to achieve the signal splitter.

OMC 's **Rack mount integrated design PLC Splitter** family has 1x2, 1x4, 1x8, 1x16, 2x2, 2x4, 2x8, 2x16 PLC splitter, with specifications that are tailored for different applications and markets. Wide bandwidth, compact size. All products meets, ROHS, GR-1209-CORE-2001 and GR-1221-CORE-1999.

Specification

Parameter	Unit	Specification (P Grade)					
Operation Wavelength	nm	1260 ~ 1650					
Channel Number		1X2	1X4	1X8	1X16	1X32	1X64
Insertion Loss with Connector (Max)	dB	4.1/4.4	7.4/7.9	10.5/11.0	13.8/14.1	17.1/17.4	20.4/21.0
Insertion Loss without Connector (Max)	dB	3.8/4.1	7.1/7.6	10.2/10.7	13.5/13.8	16.8/17.1	20.1/20.7
Uniformity (Max.)	dB	0.6	0. 7	0.8	1.0	1.5	2.0
Polarization Dependent Loss	dB	0.2	0.2	0.2	0.3	0.3	0.3
Return Loss	dB	⩾45 (PC) ; 50 (UPC) ; 60 (APC)					
Directivity	dB	⩾55					

Parameter	Unit	Specification (P Grade)					
Operation Wavelength	nm	1260 ~ 1650					
Channel Number		2X2	2X4	2X8	2X16	2X32	2X64
Insertion Loss with Connector (Max)	dB	4.4/4.6	7.7/8.1	10.8/11.3	14.1/14.4	17.4/17.7	20.6/21.3
Insertion Loss without Connector (Max)	dB	4.1/4.3	7.4/7.8	10.5/11	13.8/14.1	17.1/17.4	20.3/21.0
Uniformity (Max.)	dB	0.6	0. 7	0.8	1.0	1.5	2.0
Polarization Dependent Loss	dB	0.2	0.2	0.2	0.3	0.3	0.5
Return Loss	dB	⩾45 (PC) ; 50 (UPC) ; 60 (APC)					
Directivity	dB	⩾55					

Environmental Conditions:

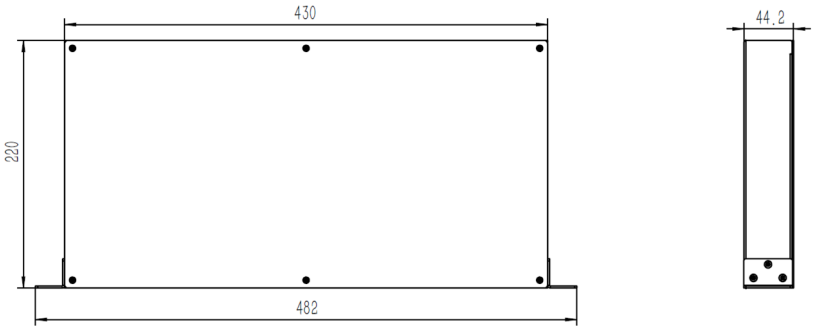
Operating Temperature	℃	-40 ~ +85
Storage Temperature	℃	-40 ~ +85
Operating Humidity	%RH	⩽93
Storage Humidity	%RH	⩽93

Cable Infor:

Fiber type	G657A1
Pigtail cable	900um /1.6mm/1.8mm/2.0mm
Connector	SC, LC,FC,ST,…….
2xN Splitter	Only Single Chip

Fiber PLC Splitter-Rack mount integrated design

Dimension (mm)



Application

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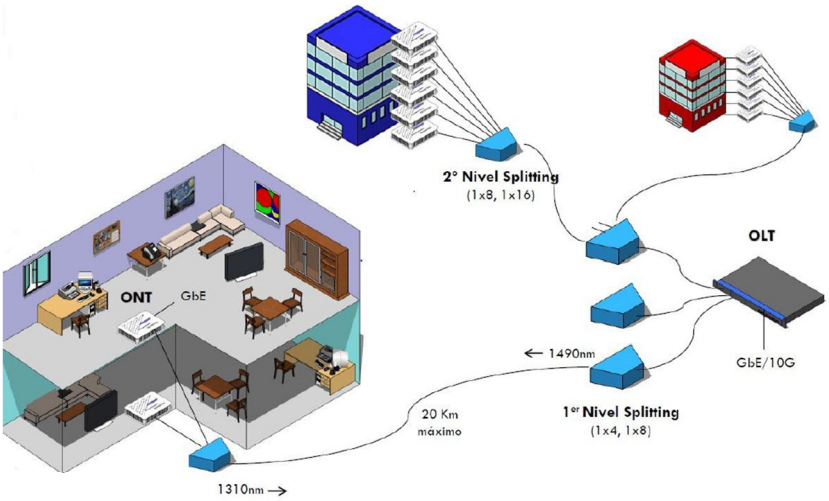

Loaded with Splice/pigtailed ABS Module

Easily mounted in the 42U network Cabinet

Being installed in an outside plant enclosure, PON splitter is used to distribute or combine optical signals, which gives carriers the ability to split optical signals to multiple homes or businesses.

Best Alternative for FTTx Solution

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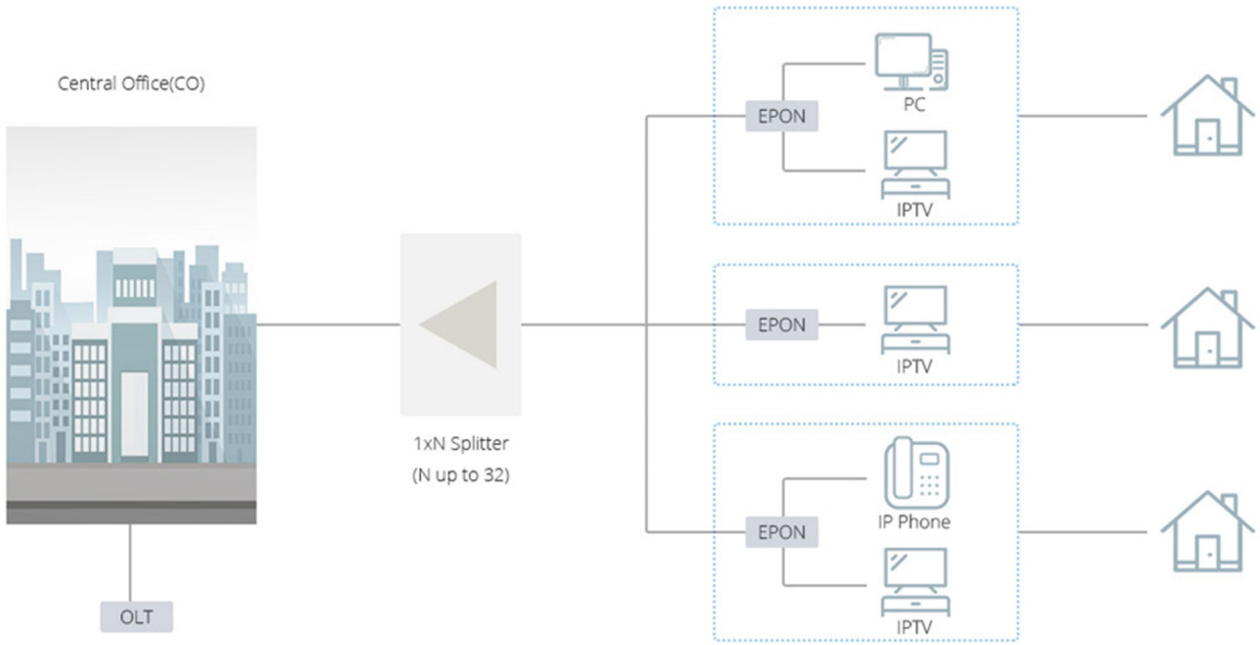


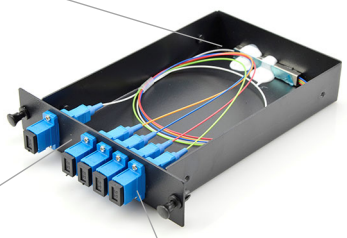
Fiber PLC Splitter-Rack mount Modular design

Description

Planar lightwave circuit (PLC) splitter is an optical power distribution device based on the integrated waveguide of quartz plate. With the features of small size, wide range of operating wavelength, stable reliability and good uniformity, It's widely used in PON,ODN,FTTX point to connect between termination device and central office to achieve the signal splitter.

OMC 's **Rack mount Modular design PLC Splitter** family has 1x2, 1x4, 1x8, 1x16, 2x2, 2x4, 2x8, 2x16, PLC splitter, with specifications that are tailored for different applications and markets. Wide bandwidth, compact size. All products meets, ROHS, GR-1209-CORE-2001 and GR-1221-CORE-1999.

Blockless type PLC splitter



LGX Cassette Size, Other size is available too

SC,LC,FC,ST,E2000 Adapter are available

1U

1U Slide Rail rack mount

1U Fixed rack mount

3U Fixed Rack mount

Specification

Parameter	Unit	Specification (P Grade)					
Operation Wavelength	nm	1260 ~ 1650					
Channel Number		1X2	1X4	1X8	1X16	1X32	1X64
Insertion Loss with Connector (Max)	dB	4.1/4.4	7.4/7.9	10.5/11.0	13.8/14.1	17.1/17.4	20.4/21.0
Insertion Loss without Connector (Max)	dB	3.8/4.1	7.1/7.6	10.2/10.7	13.5/13.8	16.8/17.1	20.1/20.7
Uniformity (Max.)	dB	0.6	0. 7	0.8	1.0	1.5	2.0
Polarization Dependent Loss	dB	0.2	0.2	0.2	0.3	0.3	0.3
Return Loss	dB	⩾45 (PC) ; 50 (UPC) ; 60 (APC)					
Directivity	dB	⩾55					

Parameter	Unit	Specification (P Grade)					
Operation Wavelength	nm	1260 ~ 1650					
Channel Number		2X2	2X4	2X8	2X16	2X32	2X64
Insertion Loss with Connector (Max)	dB	4.4/4.6	7.7/8.1	10.8/11.3	14.1/14.4	17.4/17.7	20.6/21.3
Insertion Loss without Connector (Max)	dB	4.1/4.3	7.4/7.8	10.5/11	13.8/14.1	17.1/17.4	20.3/21.0
Uniformity (Max.)	dB	0.6	0. 7	0.8	1.0	1.5	2.0
Polarization Dependent Loss	dB	0.2	0.2	0.2	0.3	0.3	0.5
Return Loss	dB	⩾45 (PC) ; 50 (UPC) ; 60 (APC)					
Directivity	dB	⩾55					

Environmental Conditions:

Operating Temperature	℃	-40 ~ +85
Storage Temperature	℃	-40 ~ +85
Operating Humidity	%RH	⩽93
Storage Humidity	%RH	⩽93

Cable Infor:

Fiber type	G657A1
Pigtail cable	900um
Connector	SC, LC,FC,ST,…….
2xN Splitter	Only Single Chip

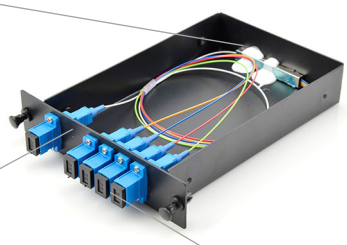
Fiber PLC Splitter-LGX Cassette Design

Description

Planar lightwave circuit (PLC) splitter is an optical power distribution device based on the integrated waveguide of quartz plate. With the features of small size, wide range of operating wavelength, stable reliability and good uniformity, It's widely used in PON,ODN,FTTX point to connect between termination device and central office to achieve the signal splitter.

OMC 's **LGX Cassette PLC Splitter** family has 1x2, 1x4, 1x8, 1x16, 2x2, 2x4, 2x8, 2x16, PLC splitter, with specifications that are tailored for different applications and markets. Wide bandwidth, compact size. All products meets, ROHS, GR-1209-CORE-2001 and GR-1221-CORE-1999.

Blockless type PLC splitter



LGX Cassette Size, Other size is available too

3 slots 1RU rack mount chassis accommodate 3 standard LGX Cassette

SC,LC,FC,ST,E2000 Adapter are available

Specification

Parameter	Unit	Specification (P Grade)			
Operation Wavelength	nm	1260 ~ 1650			
Channel Number		1X2	1X4	1X8	1X16
Insertion Loss with Connector (Max)	dB	4.1/4.4	7.4/7.9	10.5/11.0	13.8/14.1
Insertion Loss without Connector (Max)	dB	3.8/4.1	7.1/7.6	10.2/10.7	13.5/13.8
Uniformity (Max.)	dB	0.6	0. 7	0.8	1.0
Polarization Dependent Loss	dB	0.2	0.2	0.2	0.3
Return Loss	dB	≥45 (PC) ; 50 (UPC) ; 60 (APC)			
Directivity	dB	≥55			

1x2

1x4

Parameter	Unit	Specification (P Grade)			
Operation Wavelength	nm	1260 ~ 1650			
Channel Number		2X2	2X4	2X8	2X16
Insertion Loss with Connector (Max)	dB	4.4/4.6	7.7/8.1	10.8/11.3	14.1/14.4
Insertion Loss without Connector (Max)	dB	4.1/4.3	7.4/7.8	10.5/11	13.8/14.1
Uniformity (Max.)	dB	0.6	0. 7	0.8	1.0
Polarization Dependent Loss	dB	0.2	0.2	0.2	0.3
Return Loss	dB	≥45 (PC) ; 50 (UPC) ; 60 (APC)			
Directivity	dB	≥55			

1x8

1x16

Environmental Conditions:

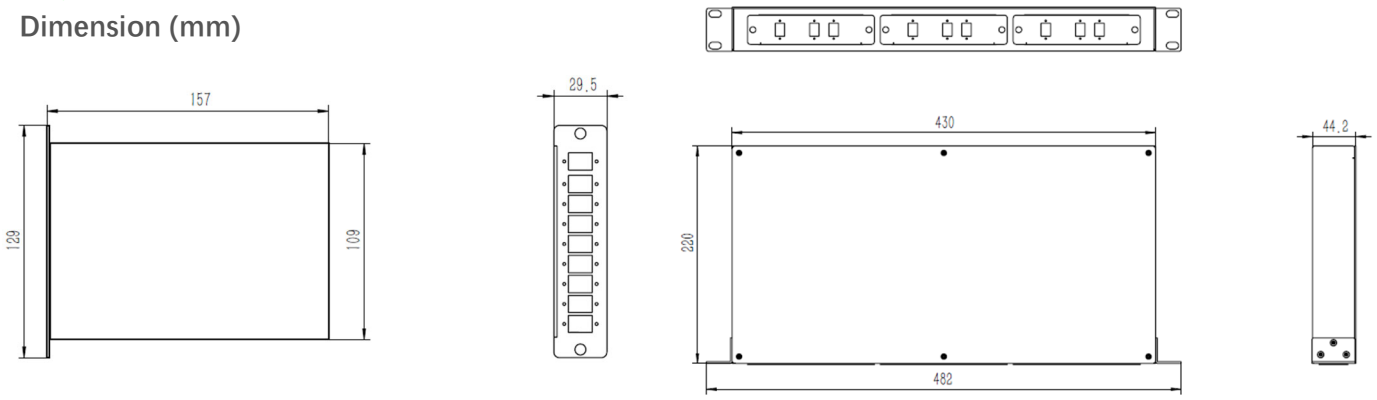
Operating Temperature	℃	-40 ~ +85
Storage Temperature	℃	-40 ~ +85
Operating Humidity	%RH	≤93
Storage Humidity	%RH	≤93

Cable Infor:

Fiber type	G657A1
Pigtail cable	900um
Connector	SC, LC,FC,ST,…….
2xN Splitter	Only Single Chip

Fiber PLC Splitter-Rack mount Modular design

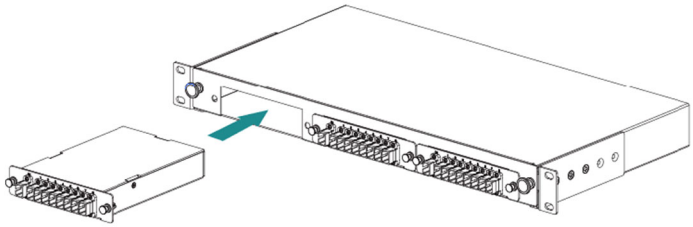
Dimension (mm)



Application

The bare PLC splitter can allow a single GPON network interface to be shared among many subscribers and allow service providers to enable bandwidth-intensive applications. The following figure shows 1X8 bare PLC fiber splitter interconnected with GPON OLT and ONT through fiber optic splice closure.

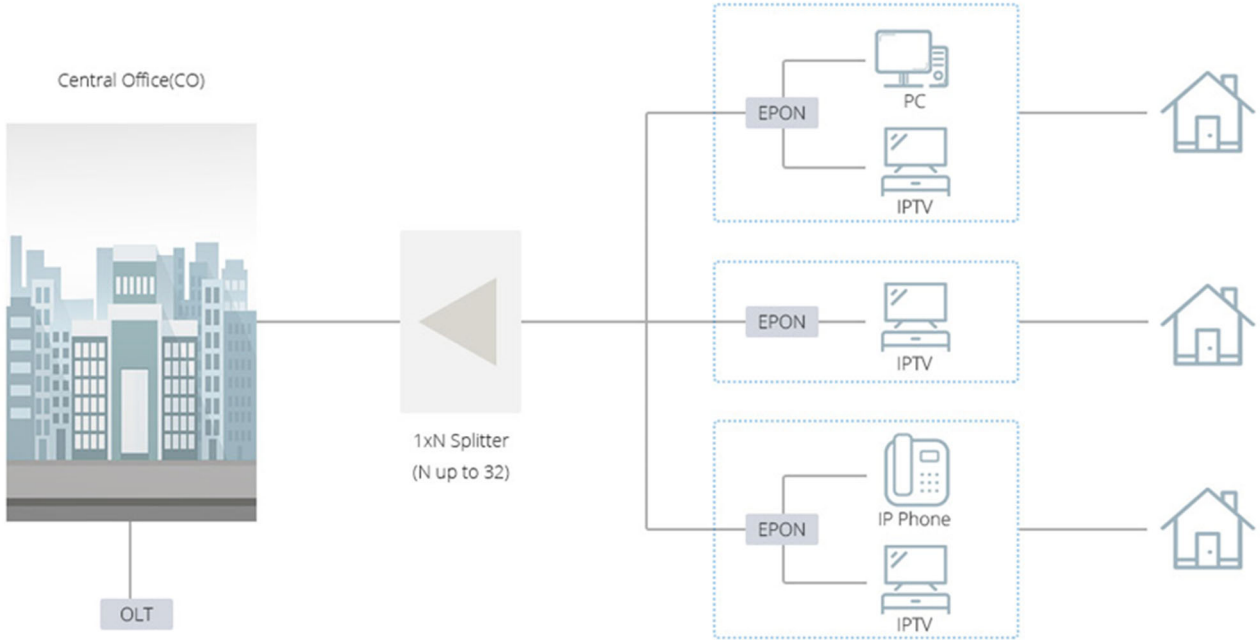
3 slots 1RU rack mount chassis accommodate 3 standard LGX Cassette



Being installed in an outside plant enclosure, PON splitter is used to distribute or combine optical signals, which gives carriers the ability to split optical signals to multiple homes or businesses.

Best Alternative for FTTx Solution

Being installed in an outside plant enclosure, PON splitter is used to distribute or combine optical signals, which gives carriers the ability to split optical signals to multiple homes or businesses.

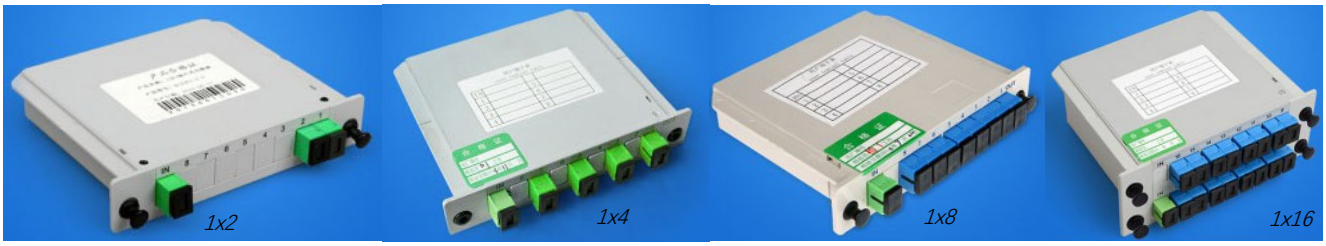


Fiber PLC Splitter-Mini Plug-in module

Description

Planar lightwave circuit (PLC) splitter is an optical power distribution device based on the integrated waveguide of quartz plate. With the features of small size, wide range of operating wavelength, stable reliability and good uniformity, It's widely used in PON,ODN,FTTX point to connect between termination device and central office to achieve the signal splitter.

OMC 's **Mini Plug-in module Type PLC Splitter** family has 1x2, 1x4, 1x8, 1x16, 1x32 PLC splitter, with specifications that are tailored for different applications and markets. Wide bandwidth, compact size. All products meets, ROHS, GR-1209-CORE-2001 and GR-1221-CORE-1999.



Specification

Parameter	Unit	Specification (P Grade)					
Operation Wavelength	nm	1260 ~ 1650					
Channel Number		1X2	1X4	1X8	1X16	1X32	1X64
Insertion Loss with Connector (Max)	dB	4.1/4.4	7.4/7.9	10.5/11.0	13.8/14.1	17.1/17.4	20.4/21.0
Insertion Loss without Connector (Max)	dB	3.8/4.1	7.1/7.6	10.2/10.7	13.5/13.8	16.8/17.1	20.1/20.7
Uniformity (Max.)	dB	0.6	0. 7	0.8	1.0	1.5	2.0
Polarization Dependent Loss	dB	0.2	0.2	0.2	0.3	0.3	0.3
Return Loss	dB	⩾45 (PC) ; 50 (UPC) ; 60 (APC)					
Directivity	dB	⩾55					

Parameter	Unit	Specification (P Grade)					
Operation Wavelength	nm	1260 ~ 1650					
Channel Number		2X2	2X4	2X8	2X16	2X32	2X64
Insertion Loss with Connector (Max)	dB	4.4/4.6	7.7/8.1	10.8/11.3	14.1/14.4	17.4/17.7	20.6/21.3
Insertion Loss without Connector (Max)	dB	4.1/4.3	7.4/7.8	10.5/11	13.8/14.1	17.1/17.4	20.3/21.0
Uniformity (Max.)	dB	0.6	0. 7	0.8	1.0	1.5	2.0
Polarization Dependent Loss	dB	0.2	0.2	0.2	0.3	0.3	0.5
Return Loss	dB	⩾45 (PC) ; 50 (UPC) ; 60 (APC)					
Directivity	dB	⩾55					

Environmental Conditions:

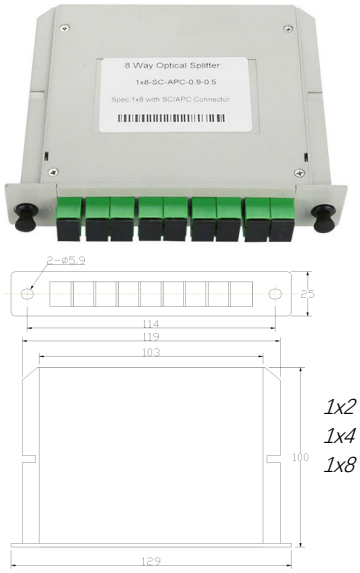
Operating Temperature	℃	-40 ~ +85
Storage Temperature	℃	-40 ~ +85
Operating Humidity	%RH	⩽93
Storage Humidity	%RH	⩽93

Cable Infor

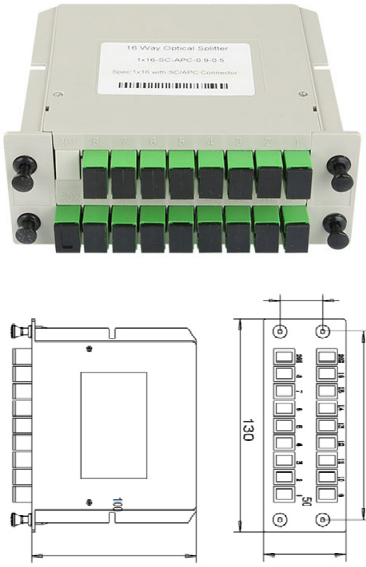
Fiber type	G657A1
Pigtail cable	900um
Connector	SC, LC,FC,ST,…….
2xN Splitter	Only Single Chip

Fiber PLC Splitter-Mini Plug-in module Type

Dimension (mm)



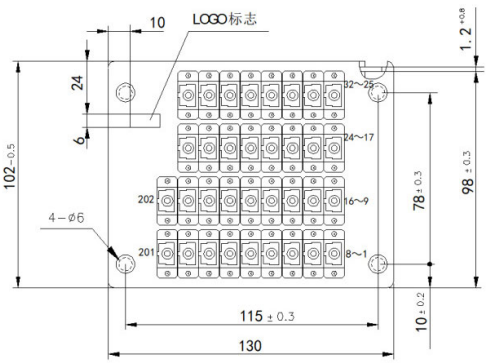
1x2
1x4
1x8

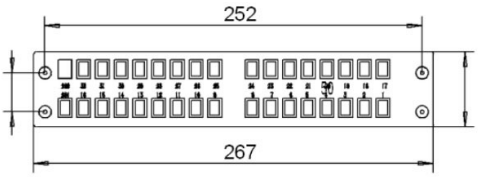


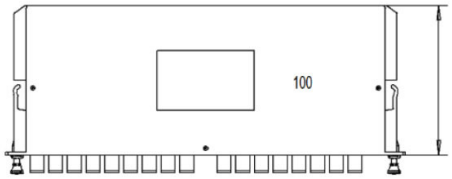
1x16

1x32

1x32

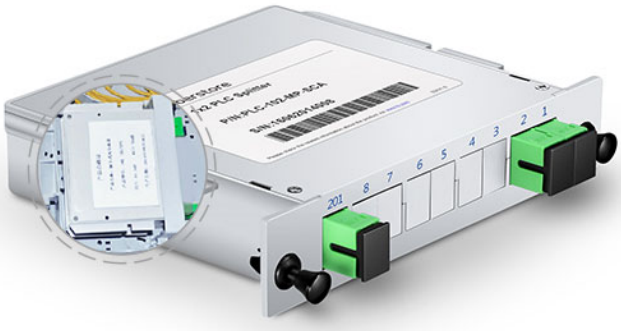




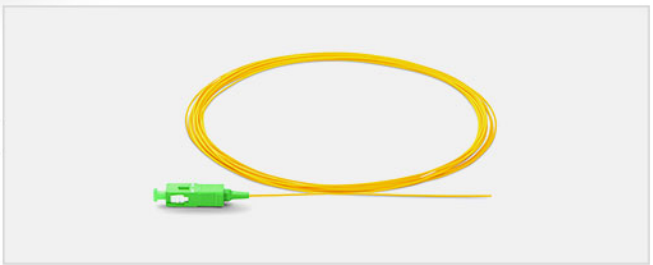


Small Size and Compact Design

Usually mounted in the FTTx box for fiber optic signal distribution, saving time and space but still providing reliable protection for fiber optic splitter



Fiber Optical Splitter Outdoor Terminal Box



Fiber Optic Pigtail

Fiber PLC Splitter

Order Index

Patch cord	Fiber count	Fiber Grade	Input Connector	Input cable OD	Output Connector	output cable OD	Out jacket	Cable Color	length
Z1-PLC Splitter	1-Bare Fiber type	1 - G652D	A LC UPC	1-0.9mm	A LC UPC	1-0.9mm	H- LSZH	A Blue	1=1m
	2-Blockless type	2 - G657A1	B SC UPC	2-1.2mm	B SC UPC	2-1.2mm	C - PVC	B Orange	...
	3-ABS Cassette type	3 - G657A2/B2	C FC UPC	3-1.6mm	C FC UPC	3-1.6mm	R - OFNR	C Green	
	4-Rack mount integrated Fixed design	4 - G657B3	D ST UPC	4-1.7mm	D ST UPC	4-1.7mm	P - OFNP	D Brown	
	5-Rack mount Modular Slide Rail design	5 - OM1	E LC APC	5-1.8mm	E LC APC	5-1.8mm		E Grey	
	6-Rack mount Modular design	6 - OM2	F SC APC	6-2.0mm	F SC APC	6-2.0mm		F White	
	7-LGX Cassette Design	7 - OM3	G FC APC	7-2.4mm	G FC APC	7-2.4mm		G Red	
	8-Mini Plug-in module	8 - OM4	H ST APC	8-2.6mm	H ST APC	8-2.6mm		H Black	
	9-MM PLC Splitter	9 - OM5	I E2000 UPC	9-2.8 (3.0) mm	I E2000 UPC	9-2.8 (3.0) mm		I Yellow	
		A - 康宁G652D	J E2000 APC		J E2000 APC			J Purple	
		B - 康宁 G657A1	L DIN UPC		L DIN UPC			K Pink	
		C - 康宁 G657A2/B2	M DIN APC		M DIN APC			L aqua	
		D - 康宁 G657B3	N D4		N D4			M Magenta	
		E - OM1康宁	O MU UPC		O MU UPC			X- other	
		F - OM2康宁	P MU APC		P MU APC				
		G - OM3康宁	R LX.5 UPC		R LX.5 UPC				
		H - OM4康宁	S LX.5 APC		S LX.5 APC				