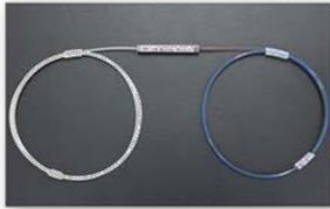


Splitter Module (Ribbon type)



Splitter Module (Connector type)



Fan-out type

900um Blockless

Product Highlight

- Telecordia GR-1209 & GR-1221 qualified
- Compact Package
- Low Insertion Loss, PDL
- High Uniformity

PLC Splitter Module

XS-xxxxxxx

Overview

The Optical Power Splitter is a component used in FTTH to separately transmit the signals that are sent from the telephone office or the cable stations through a single optical cable to multiple membership locations (apartments and houses), thereby constituting a key component of the optical membership network.

Applications

- CATV, FTTH, ROADM, LAN, WAN systems.
- Signal, Network monitoring, Live line monitoring system.

1xN type

Type	Wavelength Range (nm)	IL max (dB)	IL Uni (dB)	PDL (dB)	Dimensions (mm)		
					Width	Height	Length
1x2	1260 - 1650	3.8	0.6	0.2	4	4	40
1x2BL					7	4	55
1x3		6.6	0.6	0.2	4	4	40
1x4		7.4	0.6	0.2	4	4	40
1x4BL					7	4	55
1x6		9.6	0.8	0.2	4	4	40
1x8		10.5	0.8	0.2	4	4	40
1x8BL					7	4	55
1x9		11.4	1.0	0.3	7	4	55
1x12		12.5	1.0	0.3	7	4	55
1x16		13.6	1.0	0.3	7	4	55
1x16BL					12	4	60
1x24		16.2	1.3	0.3	7	4	55
1x32		17.0	1.3	0.3	7	4	55
1x64		20.5	2.0	0.3	12	4	60

ITEM	Unit	Specification
Directivity	dB	≥55
Return Loss	dB	≥55
Fiber Type	-	SMF-28e(or equivalent)
Storage Temperature	°C	-40~+85
Operating Temperature	°C	-40~+85

2xN type

Type	Wavelength Range (nm)	IL max (dB)	IL Uni (dB)	PDL (dB)	Dimensions (mm)		
					Width	Height	Length
2x2	1260 - 1650	4.4	0.8	0.3	7	4	55
2x4		7.6	1.0	0.3	7	4	55
2x8		11.0	1.0	0.3	7	4	55
2x16		14.3	1.5	0.3	7	4	60
2x32		17.5	1.8	0.3	7	4	60
2x64		21.2	3.0	0.4	12	4	65

ITEM	Unit	Specification
Directivity	dB	≥55
Return Loss	dB	≥55
Fiber Type	-	SMF-28e(or equivalent)
Storage Temperature	°C	-40~+85
Operating Temperature	°C	-40~+85

* All products available at Customized Specification.

Special type : Nx(1x2)ch. Array Tap Splitter (1 ≤ N ≤ 8)

Type	Ratio (%)	Wavelength Range (nm)	Mainport IL max. (dB)	Tap port IL max. (dB)	IL Uni. (dB)	PDL (dB)
1x2	50:50	1260 - 1650	<3.8	<3.8	<1.0	<0.2
	70:30		<3.0	5~7	<1.0	<0.2
	80:20		<2.6	7~9	<1.0	<0.2
	90:10		<1.8	9~12	<1.0	<0.2
	95:05		<1.2	12~15	<1.0	<0.2
	98:02		<1.0	15~18	<1.0	<0.2

Type	Wavelength Range (nm)	IL max. (dB)	WDL (dB)	IL Uni. (dB)	PDL (dB)	Dimensions (mm)		
						Width	Height	Length
1x2	1260 - 1650	≤3.8	<1.0	<0.6	≤0.2	4	4	40
4x(1x2)		≤4.1	<1.0	<0.8	≤0.3	7	4	55
8x(1x2)		≤4.3	<1.0	<1.0	≤0.3	7	4	55
16x(1x2)		≤4.5	<1.0	<1.0	≤0.3	7	4	55

ITEM	Unit	Specification
Directivity	dB	≥55
Return Loss	dB	≥55
Fiber Type	-	SMF-28e(or equivalent)
Storage Temperature	°C	-40~+85
Operating Temperature	°C	-40~+85

Ordering information

XS-n2n3n4n5n6n7n8 (part number)

Input/Output Channel (n2n3)	Module Type (n4)	Cable Type (n5)	Fibre Length (n6n7)	Connector Type (n8)
1x2	Box type (ABS), Blockless	Bare fibre (250 µm)	1 m	None
1x4	LGX box	Tube 900 µm	Custom length	LC
1x8	19" box	2 mm cable		SC
1x16	Glass tube	Ribbon type		LC/APC
1x32				
1x64				
1x128				
2x2				
2x4				
2x8				
2x16				
2x32				
2x64				
2x128				

For high power splitter module and polarization maintaining splitters, please contact your local Xenya representative.

E-mail: info@xenya.si

Web: www.xenya.si