1xN Polarization Maintaining PLC Splitter Module

1310nm, 1550nm

Features	Applications
● Low Insertion Loss	● Fiber Amplifier
● High Return Loss	● Power Monitoring
● High Extinction Ratio	● Fiber Optical Instrument

Specifications

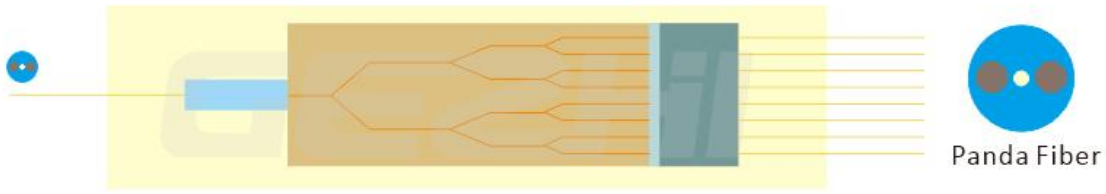
Parameters	Unit	Values						
Type	/	1x4	2x4	1x8	2x8	1x16	2x16	1x32
Center Wavelength	nm	1310, 1550						
Operating Wavelength Range	nm	±40						
Insertion Loss	dB	≤7.3	≤7.8	≤10.5	≤11.2	≤13.7	≤14.6	16.9
Uniformity	dB	≤0.6	≤1.0	≤0.8	≤1.2	≤1.2	≤1.5	≤1.5
Extinction Ratio		≥18						
Coupling Ratio	%	Equal splitting ratio						
Axis Alignment	/	Both axis working						
Return Loss	dB	≥50						
Max Power Handling (CW)	mW	500						
Tensile Load	N	≤5						
Operating Temperature	℃	-5~+75						
Storage Temperature	℃	-40~+85						
Package Dimension (bare fiber)	mm	4x4x40	4x4x55	4x4x40	4x4x55	4x7x50	4x7x60	4x7x50
Package Dimension (Mini Module)	mm	4x7x60	4x12x60	4x7x60	4x12x60	4x12x60	4x12x60	6x20x80
Package Dimension (ABS Box type)	mm	100x80x10	100x80x10	100x80x10	100x80x10	120x80x18	120x80x18	120x80x18

Note:

1. Above specifications are for device without connector, If with connector, IL will be 0.3dB higher, return loss with be reduce 5dB and Extinction Ratio will reduce 2dB.
2. The PM PLC Splitter Module is box axis working, no axis can be blocked; default test extinction ratio is on the slow axis. All parameters are tested at room temperature at central wavelength only.

Drawing

1xN



Ordering Information PMPLC-XXXX-XX-XX-XX-XX-XX-XX

①Wavelength:	1310=1310nm; 1550=1550nm; S=Specify
②Configuration Type:	104=1x4; 108=1x8; 116=1x16; 132=1x32; S=Specify
③Fiber Type:	PM1310; PM1550; S=Specify
④Package Type:	P1=bare type; P2=Mini Module; P3=ABS Box; S=Specify
⑤Pigtail Type:	00=bare fiber; 09=900um loose tube; 20=2.0mm cable; 30=3.0mm cable
⑥Fiber Length:	08=0.8m; 10=1m; S=Specify
⑦Connector Type:	FA=FC/APC; FP=FC/UPC; SA=SC/APC; SP=SC/UPC; S=Specify