PM Isolator

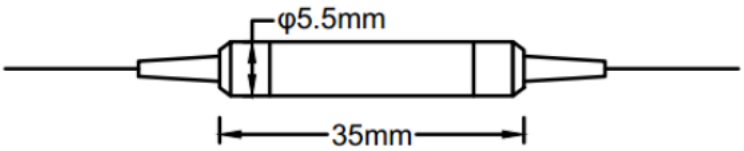
(1310nm,1480nm,1550nm，1590nm)

Descriptions

The pm isolator is characterized with low insertion loss, high isolation, high extinction Ratio, high return loss, excellent environmental stability and reliability.

Features

- High Isolation
- Low Insertion Loss
- High Return Loss
- High Extinction Ratio
- High stability & Reliability



Applications

- Fiber Laser
- Testing Instrument
- Communication Systems

Specifications

Parameter	Unit	Value			
Stage	-	Single		Dual	
Grade	-	P	A	P	A
Center Wavelength	nm	1310, 1480,1550 or 1590			
Operating Wavelength Range	nm	±20			
Typ. Peak Isolation at 23℃	dB	42	40	58	55
Min. Isolation at 23℃	dB	28	26	48	45
Typ. Insertion Loss at 23℃	dB	0.4	0.5	0.5	0.6
Max. Insertion Loss at 23℃	dB	0.55	0.65	0.65	0.8
Min. Extinction Ratio at 23℃(only for B type)	dB	20	18	20	18
Min. Extinction Ratio at 23℃(only for F type)	dB	25	23	25	23
Min. Return Loss (input/output)	dB	50/50			
Max. Optical Power(CW)	mW	500			
Max. Tensile Load	N	5			
Fiber Type	-	PM Panda fiber			
Operating Temperature	℃	-5~+70			
Storage Temperature	℃	-40~+85			

Remark: The Above specifications is without connector. IL is 0.30dB higher, RL is 5dB lower and ER is 3dB lower for each connector added. The default connector key is aligned to slow, the connector handle power ≤0.5W

Ordering Information

PMISO－ A— B — C - D — E — F — G — H — I		
A	Grade	P=Premium Grade, A=Average Grade
B	Stage	S=Single-core stage, D=Dual-core stage
C	Center Wavelength	1310=1310nm，1480=1480nm，1550=1550nm，1590=1590nm
D	Fiber Type	PM1310，PM1550，or others
E	Pigtail Type	BF=Bare Fiber,0.9=0.9mm Tube
F	Axis Alignment	F=Slow axis working, Fast axis blocked, B=Both of axis working
G	Connector Type	N=None, LC/UPC, LC/APC, SC/UPC,SC/APC, FC/UPC, FC/APC,etc
H	Package Size	5..5x35mm or others
I	Fiber length	003=0.3m, 005=0.5m; 010=1.0m 100=10m etc
For example：PMISO-P -S-1550-PM1550-BF-F-N-5.5x35-010		