

PM Fiber Isolator

☆Description

XHP polarization maintaining fiber isolator features low insert loss, high return loss, high extinction ratio, high isolation, stable and reliable. It can be integrated into PM components test, PM fiber equipment etc.



☆Specifications

Parameters	Units	Value							
		Single				Double			
Type	nm								
Center wavelength	nm	1310, 1480, 1550		1064		1310, 1480, 1550		1064	
Grade	-	P	A	P	A	P	A	P	A
Wavelength range	nm	±20							
Isolation	nm	42	40	40	38	58	55	55	52
Min. isolation @23℃	dB	28	26	35	32	48	45	45	42
Typical inset loss @23℃	dB	0.4	0.5	1.5	1.6	0.5	0.6	2.4	2.6
Max. insert loss @23℃	dB	0.55	0.65	1.8	2.2	0.65	0.8	3.2	3.4
Min. extinction ratio	dB	20	18	20	18	20	18	20	18
Max. extinction ratio	dB	25	23	22	20	25	23	22	20
Min. return loss(input/output)	dB	50/50							
Max. power	mW	500		300		500		300	
Max. tension	N	5							
Fiber	-	Panda PM fiber							
Operating temperature	℃	- 5 ~ +70		- 5 ~ +50		- 5 ~ +70		- 5 ~ +50	
Storage temperature	℃	- 40 ~ +85							

☆Ordering Information

Part number	Note	Options
XXX-XXX	Part type	XHP-PMISO
X	Port type	P = P grade, A = A grade, S = customized
XX	Operating wavelength	W1 = 1550nm, W2 = 1480nm, W3 = 1310nm, W4 = 1064nm
X	Type	S = single, D = double
X	Axial	F = slow axis work/fast axis blocked, B = fast axis/slow axis work
XX	Fiber	F1 =panda fiber
XXX	Pigtail	PT1 = 250um bare fiber, PT2 = 900um loose tube
XX	Fiber length	L1 = 1m, S = customized
XX	Interface	FA = FC/APC, FU = FC/UPC, SA = SC/APC, SU = SC/UPC, LA = LC/APC, LU = LC/UPC, N = None
XXX	Package size	PS1 = Φ5.5×35

Example: XHP-PMISO-P-W1-S-F-F1-PT1-L1-N-PS1

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