

PM Optical Combiner/Splitter

☆Description

XHP PM optical combiner/splitter features low insert loss, high return loss, high extinction ratio, stable and reliable. The combiner/splitter can be integrated into fiber gyroscope, fiber sense, and coherent optical communication system etc.



☆Specifications

Parameters		Units	Value			
Center wavelength		nm	1310, 1480, 1550		1064, 980	
Grade		-	P	A	P	A
Wavelength range		nm	±40		±20	
Typical insert loss		nm	0.4	0.5	0.6	0.7
Max. insert loss		dB	0.6	0.7	0.8	0.9
Min. extinction ratio		dB	22	20	22	20
Min. return loss		dB	50			
Min. directivity		dB	50			
Max. holding power (continuous)		mW	500			
Max. tension		N	5			
Fiber	Port 1&2	-	PM panda fiber			
	Port 3		SMF-28 , HI1060 , PM panda fiber			
Operating temperature		℃	-5~+70			
Storage temperature		℃	-40~+85			

☆Ordering Information

Part number	Note	Options	
XXX-XXX	Part type	XHP-PBC/PBS	
X	Grade	P = P grade, A = A grade	
XX	Operating wavelength	W1 = 1310nm, W2 = 1480nm, W3 = 1550nm, W4 = 1064nm, W5 = 980nm	
XX	Fiber	Port 1&2	F1 =panda fiber , F2 =SMF-28e, S =customized
		Port 3	F1 = panda fiber (for port1), F2 =SMF-28e, F3 =panda fiber 45° for port1), S =customized
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-PBC-P-W1-F1-F1-PT1-L1-N-PS1

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