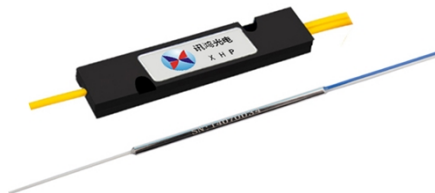


1×2/2×2 PM Fiber Coupler

☆Description

XHP 1×2/2×2 polarization maintaining fiber coupler features low insert loss, wavelength and coupling ratio can be customized, stable and reliable. It can be integrated into fiber gyroscope, fiber sense, fiber measuring equipment and PM fiber amplifier etc.



☆Specifications

Parameters		Units	Value					
Grade		/	P	A	P	A	P	A
Operating wavelength		nm	780, 830		980, 1064		1310, 1480, 1550, 2000	
Bandwidth		dB	±20					
Excess loss		dB	≤0.7					
Extinction ratio		dB	≥20	≥18	≥20	≥18	≥20	≥18
Insert loss	50/50	dB	≤3.8	≤4.0	≤3.7	≤3.8	≤3.7	≤3.75
	20/80	dB	≤8.2/1.7	≤8.5/1.9	≤8.0/1.5	≤8.2/1.7	≤7.8/1.4	≤8.0/1.6
	10/90	dB	≤11.8/1.4	≤12.0/1.6	≤11.6/1.2	≤11.8/1.4	≤11.2/0.9	≤11.4/1.1
	5/95	dB	≤15.0/1.0	≤15.2/1.2	≤14.5/0.8	≤15.0/1.0	≤14/0.7	≤14.3/0.85
	1/99	dB	≤22.5/0.6	≤22.8/0.8	≤22.0/0.45	≤22.5/0.6	≤21.5/0.4	≤22.0/0.45
Directivity		dB	≥55					
Max. holding power		W	2					
Operating temperature		℃	-5 ~ +70					
Storage temperature		℃	-40 ~ +85					

☆Ordering Information

Part number	Note	Options
XXX-XXX	Part type	XHP-PMC1X2
X	Port type	1 = 1×2 2 = 2×2
XX	Operating wavelength	W1 = 780nm, W2 = 830nm, W3 = 980nm, W4 = 1064nm, W5 = 1310nm, W6 = 1480nm, W7 = 1550nm, W8 = 2000nm
XX	Fiber	F1 = PM panda fiber
XXX	Pigtail	PT1 = 250um bare fiber, PT2 = 900um loose tube, PT3 = 2mm loose tube, PT4 = 3mm loose tube
XX	Fiber length	L1 = 1m, S = customized
XXX	Package size	PS1 = 90×14×8.5mm, PS2 = Φ3.0×54

Example: XHP-PMC1X2-1-W7-F1-PT1-L1-PS1