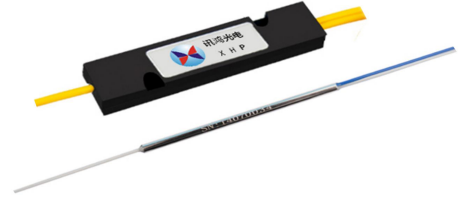


1×2/2×2 Polarization-maintaining Fiber Coupler (XHP-PMC1X2)

☆Product Description

The 1×2/2×2 polarization-maintaining fiber coupler (XHP-PMC1X2), produced by XHP, features low insertion loss, customizable wavelength and splitting ratio, as well as stable and reliable performance. It is suitable for fiber gyro, fiber sensor, fiber detection equipment, polarization-maintaining fiber amplifier, etc.

☆Product Picture



☆Product Specification

Parameters		Units	Specification					
Grade		/	P	A	P	A	P	A
Operating Wavelength		nm	780, 830		980, 1064		1310, 1480, 1550, 2000	
Operating Bandwidth		dB	±20					
Additional Loss		dB	≤0.7					
Extinction Ratio		dB	≥20	≥18	≥20	≥18	≥20	≥18
Insertion 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					
Maximum Power		W	2					
Woking Temperature		℃	-5～+70					
Storage Temperature		℃	-40～+85					

☆Ordering Information

Product Model	Explain	Options
XXX-XXX	Device 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 Type	F1=Polarizing panda fiber
XXX	Pigtail Type	PT1=250um bare fiber, PT2=900um buffer tuber, PT3=2mm buffer tuber, PT4=3mm buffer tuber
XX	Fiber Length	L1=1m, S=Customization
XXX	Package Size	PS1=90×20×10mm, PS2=Φ3.0×54

E.g: XHP-PMC1X2-1-W7-F1-PT1-L1-PS1