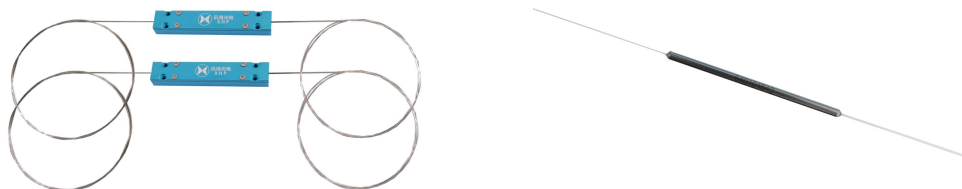


PM(N+1)×1 Polarization-maintaining Fiber Combiner (XHP-CMB)

☆Product Description

The PM(N+1)×1 polarization-maintaining fiber combiner (XHP-CMB), produced by XHP, features high pump combiner efficiency, low signal insertion loss, high extinction ratio, as well as stable and reliable performance. It is suitable for fiber laser, fiber amplifier, sensing system, scientific research and test equipment, etc.

☆Product Picture



☆Product Specification

Port Type	PM (1+1) ×1, PM (2+1) ×1			PM (6+1) ×1			PM (18+1) ×1
Pump Operating Wavelength	800~1000nm						
Signal Wavelength	1030~1080nm &1450~1600nm						
Signal Input Fiber	X/12 5	X/125	X/125 或 20/400	X/125 & X/250 & 20/400			X/125
Pumping Fiber	105/125 0.15NA/0.22N A		X/125 0.15NA/0.22NA	105/125 0.15NA/0.22NA		X/125 0.15NA/0.22N A	X/125 0.15NA/0.22NA
			200/220 0.22NA			200/220 0.22NA	200/220 0.22NA
Output Fiber	Y/12 5	Y/125	20/400	Y/125	Y/250	20/400	20/400
Pump Efficiency	>90 %	>93%	>95%	>90%	>93%	>95%	>95%
Signal Loss	<0.7d B	<0.7dB	<0.7dB	<0.7dB			<0.7dB
Single Arm Carries Power	200 W	300W	500W	300W	600W	900W	2500W
Return Loss	>45dB						
Extinction Ratio	>18dB						
Package Size	Φ4×60mm，70×12×8mm，100×15×10mm						
Operating Temperature (°C)	0°C~+75°C						
Storage Temperature (°C)	-40°C~+85°C						

☆ Ordering Information

Product Model	Explain	Options
XXX-XXX	Device Type	XHP-CMB
X	Port Type	PM1 = (1+1) ×1, PM2 = (2+1) ×1 PM6 = (6+1) ×1, PM18 = (18+1) ×1
XXX/XXXX	Operating Wavelength	Pump Wavelength: P1 =915nm, P2 =975nm Signal Wavelength: S1 =1064nm, S2 =1550nm, S3 =2000nm
X	Pump Direction	F =Forward pump B =Backward pump
X	Pump Fiber	PF1 =105/125 NA=0.22 PF2 =105/125 NA=0.15 PF3 =200/220 NA=0.22
X	Fiber Length	L1 =1m, S =Customization

E.g: XHP-CMB-PM1-P1-F-PF1-L1