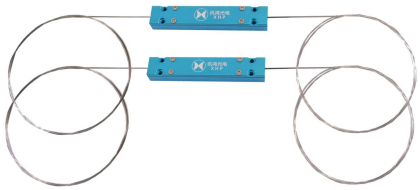
(1+1)×1/(2+1)×1 Fiber Pump Signal Combiner（XHP-CMB）

☆Product Description

The (1+1)×1/(2+1)×1 fiber pump signal combiner（XHP-CMB），produced by XHP, features high pump beam combination efficiency , low signal insertion loss, as well as stable and reliable performance. It is suitable for middle and low power fiber laser, middle and low power fiber amplifier , scientific research and test equipment , etc.

☆Product Picture



☆Product Specification

Port Type	（1+1）×1 &（2+1）×1		
Pump Operating Wavelength	800～1000nm		
Signal Wavelength	1030～1080nm &1450～1600nm		
Signal Input Fiber	X/125	X/250	X/125 & 20/400
Pumping Fiber	105/125 0.15NA/0.22NA		X/125 0.15NA/0.22NA
			200/220 0.22NA
Output Fiber	Y/125	Y/250	20/400
Pump Efficiency	>95%	>93%	>90%
Signal Loss	<0.5dB	<0.5dB	<0.7dB
Single Arm Carries Power	10W/50W/100W		10W/50W/100W/300W
Return Loss	>45db		
Beam Quality	Customization		
Package Size	Φ2.7×40，4×60mm，70×12×8mm，100×15×10mm		
Operating Temperature（℃）	0℃～+75℃		
Storage Temperature（℃）	-40℃～+85℃		

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☆**Ordering Information**

Product Model	Explain	Options
XXX-XXX	Device Type	**XHP-CMB**
X	Port Type	**1**=（1+1）×1 **2**=（2+1）×1
XXX/XXXX	Operating Wavelength	Pumping 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	Signal Input Fiber	**SF1**=DCF6/125 NA=0.14/0.46 **SF2**=DCF8/125 NA=0.14/0.46 **SF3**=DCF10/125 NA=0.08/0.46 **SF4**=DCF20/125 NA=0.08/0.46 **SF5**=DCF20/250 NA=0.08/0.46 **SF6**=DCF30/250 NA=0.06/0.46 **SF7**=DCF25/250 NA=0.06/0.46
X	Output Fiber	**OF1**=DCF6/125 NA=0.14/0.40 **OF2**=DCF8/125 NA=0.14/0.46 **OF3**=DCF10/125 NA=0.08/0.46 **OF4**=DCF20/125 NA=0.08/0.46 **OF5**=DCF20/250 NA=0.08/0.46 **OF6**=DCF30/250 NA=0.06/0.46 **OF7**=DCF25/250 NA=0.06/0.46 **OF8**=20/400 NA=0.06/0.46
XX	Fiber Length	**L08**=0.8m，**L1**=1m
X	Package Size	**PS1**=Aluminum box 70×12×8mm **PS2**=Aluminum box 100×15×10mm **PS3**=Steel tube Φ4×60mm

E.g：XHP–CMB-2-P1S1-F-PF1-SF1-OF1-L1-PS2

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