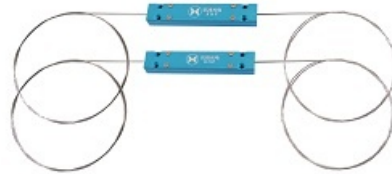


## (6+1) × 1/(18+1) × 1 Fiber Pump Signal Combiner

### ☆Description

(6+1)×1/(18+1)×1 fiber pump signal combiner features high pump efficiency, low insert loss, cost-effective, stable and reliable. This combiner can be integrated into medium and high power fiber laser, fiber amplifier, and R&D test equipment.



### ☆Specification

Port type	(6+1) × 1			(18+1) × 1	
Pump wavelength	800~1000nm				
Signal wavelength	1030~1080nm / 1450~1600nm				
Signal fiber(input)	X/125 or X/250 or 20/400			X/125	
Pump fiber(input)	105/125 0.15NA / 0.22NA		105/125 0.15NA / 0.22NA 200/220 0.22NA		105/125 0.15NA/0.22NA
Output fiber	Y/125	Y/250	20/400	Y/250	20/400
Pump efficiency	>90%	>93%	>95%	>93%	>95%
Signal insert loss	<0.7dB				
Max. power of single port	100W		200W	100W	
Return loss	>45dB				
Laser beam / M2	Customized				
Package size	Φ4×60mm, 70×12×8mm, 100×15×10mm				
Operating temperature	0℃~+75℃				
Storage temperature	-40℃~+85℃				

Note: X=6,8,10,20,25,30 etc.

Y=6,8,10,20,25,30 etc.

### ☆Ordering Information

Part Number	Note	Options
XXX-XXX	Part type	XHP-CMB
X	Port type	<b>6</b> = (6+1) × 1 <b>18</b> = (18+1) × 1
XXX/XXX	Operating wavelength	Pump wavelength: <b>PW1</b> = 915nm, <b>PW2</b> = 975nm Signal wavelength: <b>SW1</b> = 1064nm, <b>SW2</b> = 1550nm, <b>SW3</b> = 2000nm
X	Pump mode	<b>F</b> = Forward pump <b>B</b> = Backward pump
XXX	Pump fiber	<b>PF1</b> = 105/125 NA=0.22 <b>PF2</b> = 105/125 NA=0.15 <b>PF3</b> = 200/220 NA=0.22

**Address:** F4 Building 3, No.33 of Nanjiang Road, Qionglai, Chengdu, China

**Web:** [www.xh-photonics.com](http://www.xh-photonics.com)

**Call:** +86-028-88758900/+86-13699812260 **Fax.:** +86-028-88758900 **E-mail:** [sales@xh-photonics.com](mailto:sales@xh-photonics.com) **Weixin:** wxid\_sanw8peldmci22

**Ordering information**

XXX	Signal fiber(input)	<b>SF1</b> = DCF6/125 NA=0.14/0.46 <b>SF2</b> = DCF8/125 NA=0.14/0.46 <b>SF3</b> = DCF10/125 NA=0.08/0.46 <b>SF4</b> = DCF20/125 NA=0.08/0.46 <b>SF5</b> = DCF20/250 NA=0.08/0.46 <b>SF6</b> = DCF30/250 NA=0.06/0.46 <b>SF7</b> = DCF25/250 NA=0.06/0.46
XXX	Output fiber	<b>OF1</b> = DCF6/125 NA=0.14/0.40 <b>OF2</b> = DCF8/125 NA=0.14/0.46 <b>OF3</b> = DCF10/125 NA=0.08/0.46 <b>OF4</b> = DCF20/125 NA=0.08/0.46 <b>OF5</b> = DCF20/250 NA=0.08/0.46 <b>OF6</b> = DCF30/250 NA=0.06/0.46 <b>OF7</b> = DCF25/250 NA=0.06/0.46 <b>OF8</b> = DCF20/400 NA=0.06/0.46
XXX	Fiber length(single side)	<b>L08</b> = 0.8m <b>L10</b> = 1.0m
XXX	Package size	<b>PS1</b> = Aluminum box(70×12×8mm) <b>PS2</b> = Aluminum box(100×15×10mm) <b>PS3</b> = Steel tube(Φ4×60mm)

**Example:** XHP - CMB-6-P1S1-F-PF1-SF1-OF1-L10-PS2