

(1+1)x1 or (2+1)x1 High Power Pump and Signal Combiners (PM or Non-PM)

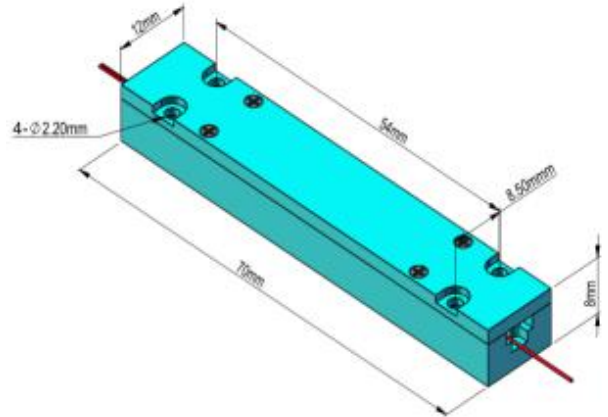
☆ Features

- High Transfer Efficiency
- Stable and Reliable

☆ Application

- High Power Fiber Laser
- High Power Fiber Amplifier

☆ Specifications



Port Configuration	(1+1) x1 or (2+1) x1		
Pump Wavelength	800~1000nm		
Signal Wavelength	1030~1080nm or 1450~1600nm		
Signal Input Fiber	X/125	X/125	X/125 or 20/400
Pump Fiber	105/125 0.15NA/0.22NA		X/125 0.15NA/0.22NA
			200/220 0.22NA
Output Fiber	Y/125	Y/125	20/400
Pump Efficiency	>90%	>93%	>95%
Signal Insertion Loss	<0.7db	<0.7db	<0.7db
Total Power Handling	200w	300w	500w
Polarization ER	>18db for PM type.		
Return Loss	>45db		
Package Dimension	Φ4x60mm, 70x12x8mm, 100x15x10mm, other		
Operating Temperature	0°C~+75°C		
Storage Temperature	-40°C~+85°C		

☆ Ordering Information

Device ID	Explain	Option
XX-XXX	Device type	XQ-PCMB=PM XQ-PCMBC=Non PM
X	Port Configuration	1= (1+1) x1, 2= (2+1) x1
XXX	Pump Wavelength	Pump Wav: F=915nm, G=975nm Signal Wav: I=1064nm, O=1550nm, K=2000nm
X	Pumping direction	F=forward pumping B=back-pumped
X	Pump Fiber	A=105/125 NA:0.22 B=105/125 NA: 0.15 H=200/220 NA 0.22 other
X	Signal Input Fiber	1=DCF6/125 NA:0.14/0.46 2=DCF8/125 NA:0.14/0.46 3=DCF10/125 NA:0.08/0.46 4=DCF20/125 NA:0.08/0.46 5=DCF20/250 NA:0.08/0.46 6=DCF30/250 NA:0.06/0.46 8=DCF25/250 NA:0.06/0.46
X	Output Fiber	1=DCF6/125NA:0.14/0.4 2=DCF8/125NA:0.14/0.46 3=DCF10/125 NA:0.08/0.46 4=DCF20/125 NA:0.08/0.46 5=DCF20/250 NA:0.08/0.46 6=DCF30/250 NA:0.06/0.46 8=DCF25/250 NA:0.06/0.46 O=20/400 NA:0.06/0.46
XX	Pigtail Length	08=0.8m,10=1.0m
X	Package Dimension	A=70x12x8mm B=100x15x10mm C=Φ4x60mm other

Example: XQ-PCMB-1-F-A-1-1-08-A