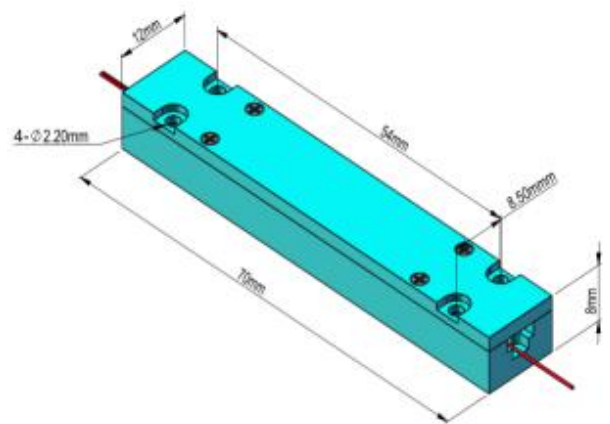


(6+1)×1 (18+1) x1 High Power Pump and Signal Combiners

(PM or Non-PM)



☆ Features

- High Transfer Efficiency
- Stable and Reliable

☆ Application

- High Power Fiber Laser
- High Power Fiber Amplifier

☆ Specifications

Port Configuration	(6+1) x1			(18+1) x1	
Pump Wavelength	800~1000nm				
Signal Wavelength	1030~1080nm or 1450~1600nm				
Signal Input Fiber	X/125 or X/250 or 20/400			X/125	
Pump Fiber	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 Insertion Loss	<0.7db				
Total Power Handling	300w	600w	900w	2500w	
Extinction Ratio	>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	6= (6+1) ×1 , 18= (18+1) ×1
X	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-6-F-A-1-1-08-A