

## 2000nm (2+1)x1 Multimode Pump and PM Signal Combiner

2000nm (2+1)x1 Multimode Pump and PM Signal Combiner is a fiber passive component which can be used in coupling input pump laser and polarized signal seed laser with high coupling efficiency, it's widely used in fiber laser system and Fiber Amplifier System, the fiber can be customized upon request.

### Application

Fiber Laser  
Fiber Amplifier  
Quantum Optics  
Lab And Research

### Features:

High Coupling Efficiency  
High Power  
RoHs Compliant  
High Reliability



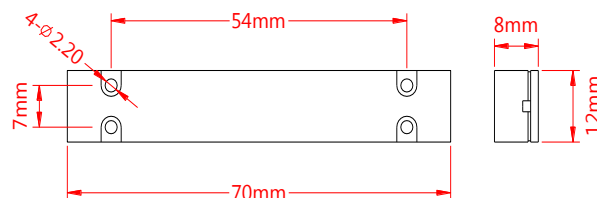
### Specification:

Parameter	Symbol	Value	Unit
Signal Operating Wavelength	$\lambda$	1900-2100	nm
Pump Operating Wavelength	$\lambda$	700-900	nm
Pump Input Fiber		105/125 0.15NA or 0.22NA, 200/220 0.22NA	-
Signal Input Fiber		PM 1950, 6/125, 10/125, 12/125, 15/125, 20/125, 25/250 PM SCF or DCF	-
Output Fiber		6/125, 10/125, 12/125, 15/125, 20/125, 20/200, 25/250, 30/250, 20/400 PM DCF	-
Max. Signal Insertion Loss		0.5	dB
Min. Extinction Ratio	ER	18	dB
Min. Pump Efficiency		90	%
Max. Optical Power Per Pump Input (CW)	P	25, 50, 100, 200 or specify	W
Min. Return Loss	RL	35	dB
Operating Humidity		5~95	%RH
Operating Temperature	T	-5~70	°C
Storage Temperature	T	-40~85	°C
Package Dimension		70x12x8	mm

Notice: Above specifications are tested at center wavelength without connector in room temperature @23 °C.

Pump and signal combiners are default without connector, bare fiber, if special request please contact us to confirm.

### Drawing:



### Ordering Information (Part Number):

PMPSC- <b>WWW</b> - <b>CCC</b> - <b>T</b> - <b>HHH</b> - <b>FFF/FFF</b> - <b>FFF/FFF</b> - <b>FFF/FFF</b> - <b>LL</b>							
<b>WWW</b>	<b>CCC</b>	<b>T</b>	<b>HHH</b>	<b>FFF/FFF</b>	<b>FFF/FFF</b>	<b>FFF/FFF</b>	<b>LL</b>
Signal Wavelength	Configuration	Pump Type	Handling Power (Per Pump Input)	Input Pump Fiber Type	Input Signal Fiber Type (PM)	Output DC Fiber Type (PM)	Fiber Length
2000 - 2000nm	211 - (2+1)x1	F - Forward B - Backward	05 - 5W	105/125 -	PM19 - PM 1950	6/125 - 6/125um	05 - 0.5m
			10 - 10W	105/125um	6/125 - 6/125um	10/125 - 10/125um	08 - 0.8m
			25 - 25W	200/220 -	10/125 - 10/125um	12/125 - 12/125um	10 - 1.0m
			50 - 50W	200/220um	12/125 - 12/125um	15/125 - 15/125um	15 - 1.5m
			100 - 100W		15/125 - 15/125um	20/125 - 20/125um	20 - 2.0m
			200 - 200W		20/125 - 20/125um	20/200 - 20/200um	SS - Specify
			SS - Specify		25/250 - 30/250um	25/250 - 25/250	
					SS/SSS - Specify	30/250 - 30/250um	
			20/400 - 20/400um				
			SS/SSS - Specify				