

1064nm (1+1)x1 Multimode Pump and PM Signal Combiner

1064nm (1+1)x1 Multimode Pump and PM Signal Combiner is a fiber passive componnet 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



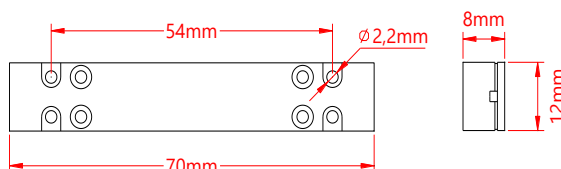
Specification:

Parameter	Symbol	Value	Unit
Signal Operating Wavelength	λ	1000-1100	nm
Pump Operating Wavelength	λ	800-1000	nm
Pump Input Fiber		105/125 0.15NA or 0.22NA, 200/220 0.22NA	-
Signal Input Fiber		PM 980, 6/125, 5/130, 10/125, 20/125, 20/400 PM SCF or DCF	-
Output Fiber		6/125, 5/130, 10/125, 20/125, 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	0~75	℃
Storage Temperature	T	-40~85	℃
Package Dimension		50x5x5 or 70x12x8	mm

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

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

Drawing:



Ordering Information (Part Number):

PMPSC- WWW - C - T - HHH - F - FF/FFF - FF/FFF - LL							
WWW	C	T	HHH	F	FF/FFF	FF/FFF	LL
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
1020 - 1020nm	1 - (1+1)x1	F - Forward	05 - 5W	1 - 105/125um	P9 - PM 980	6/125 - 6/125um	05 - 0.5m
1030 - 1030nm		B - Backward	10 - 10W	2 - 200/220um	6/125 - 6/125um	5/130 - 5/130um	08 - 0.8m
1040 - 1040nm			25 - 25W		5/130 - 5/130um	10/125 - 10/125um	10 - 1.0m
1050 - 1050nm			50 - 50W		10/125 - 10/125um	20/125 - 20/125um	15 - 1.5m
1053 - 1053nm			100 - 100W		20/125 - 20/125um	20/400 - 20/400um	20 - 2.0m
1060 - 1060nm			200 - 200W		20/400 - 20/400um	SS/SSS - Specify	SS - Specify
1064 - 1064nm			SS - Specify		SS/SSS - Specify		
1080 - 1080nm							
SSSS - Specify							