

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

2000nm (1+1)x1 Multimode Pump and Signal Combiner is a fiber passive component which can be used in coupling input pump laser and 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



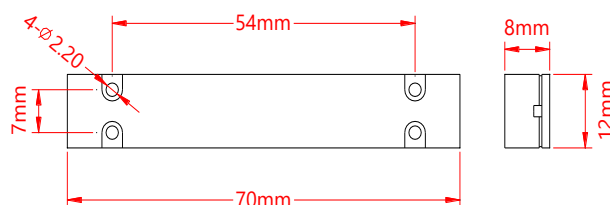
Specification:

Parameter	Symbol	Value	Unit
Signal Operating Wavelength	λ	1900-2100	nm
Pump Operating Wavelength	λ	780-1000	nm
Pump Input Fiber		105/125 0.15NA or 0.22NA, 200/220 0.22NA	-
Signal Input Fiber		SMF-28e, SM1950, 10/130DC	-
Output Fiber		10/130DC, 25/250DC, 25/400DC	-
Max. Signal Insertion Loss	IL	0.5	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	°C
Storage Temperature	T	-40~85	°C
Package Dimension		50x5x5 or 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):

MPSC- WWW - CC - 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	Output DC Fiber Type	Fiber Length
1950 - 1950nm	1 - (1+1)x1	F - Forward	05 - 5W	1 - 105/125um	S2 - SMF-28e	10/130 - 10/130um	05 - 0.5m
2000 - 2000nm		B - Backward	10 - 10W	2 - 200/220um	S1 - SM 1950	25/250 - 25/250um	08 - 0.8m
2050 - 2050nm			25 - 25W		10/130 - 10/130um	25/400 - 25/400um	10 - 1.0m
2100 - 2100nm			50 - 50W		SS/SSS - Specify	SS/SSS - Specify	15 - 1.5m
			100 - 100W				20 - 2.0m
			200 - 200W				SS - Specify
			SS - Specify				