

2x1 Multimode Pump Combiner

2x1 Multimode Pump Combiner is a fiber passive component which can be used in coupling input pump laser with high coupling efficiency, it's widely used in fiber laser system and Fiber Amplifier System, the pump combiner can be 2x1, 3x1, 4x1, 7x1, 19x1 configuration, the fiber can be customized upon request.

Application:

Fiber Laser
Fiber Amplifier
Laser Power Combination
Lab And Research

Features:

High Coupling Efficiency
High Power
RoHs Compliant
High Reliability



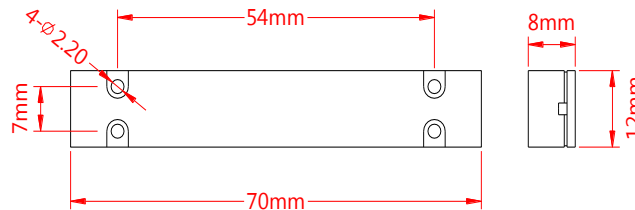
Specification:

Parameter	Symbol	Value	Unit
Operating Wavelength	λ	800-1000	nm
Input Fiber		105/125 0.12NA, 0.15NA or 0.22NA, 200/220 0.22NA	-
Output Fiber		105/125 0.22NA, 200/220 0.22NA, 220/240 0.22NA	-
Min. Pump Efficiency		90	%
Max. Optical Power Per Pump Input (CW)	P	25, 50 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 combiners are default without connector, bare fiber, if special request please contact us to confirm.

Drawing:



Ordering Information (Part Number):

MMPC-CCC-HH-FFF/FFF-FFF-FFF-LL				
CCC	HH	FFF/FFF	FFF/FFF	LL
Configuration	Handling Power (Per Pump Input)	Input Pump Fiber Type	Output Fiber Type	Fiber Length
201 - 2x1	05 - 5W	105/125 - 105/125um	105/125 - 105/125um	05 - 0.5m
301 - 3x1	10 - 10W	200/220 - 200/220um	200/220 - 200/220um	08 - 0.8m
401 - 4x1	25 - 25W	SSS/SSS - Specify	220/240 - 220/240um	10 - 1.0m
	50 - 50W		400/440 - 400/440um	15 - 1.5m
	SS - Specify		10/125 - 10/125 DCF	20 - 2.0m
			SSS/SSS - Specify	SS - Specify