

4x1 Multimode Pump Combiner

4x1 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
Quantum Optics
Lab And Research

Features:

High Coupling Efficiency
High Power
RoHs Compliant
High Reliability



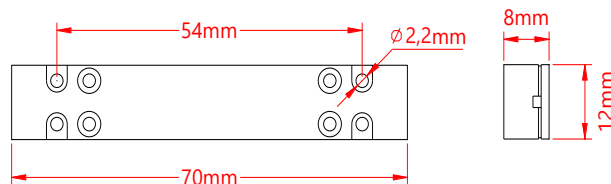
Specification:

Parameter	Symbol	Value	Unit
Operating Wavelength	λ	400-1000	nm
Input Fiber		105/125 0.12NA, 0.15NA or 0.22NA, 135/155 0.22NA, 200/220 0.22NA	-
Output Fiber		105/125 0.22NA, 200/220 0.22NA, 220/240 0.22NA 400/440 0.22NA, 600/660 0.22NA, X/125 DCF, X/250 DCF, X/400 DCF	-
Min. Pump Efficiency		90~96	%
Max. Optical Power Per Pump Input (CW)	P	0.5, 5, 10, 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- WWW - CCC - HH - FFF/FFF - FFF/FFF - LL					
WWW	CCC	HH	FFF/FFF	FFF/FFF	LL
Wavelength	Configuration	Handling Power (Per Pump Input)	Input Pump Fiber Type	Output Fiber Type	Fiber Length
405 - 405nm	201 - 2x1	Z5 - 500mW	105/125 - 105/125um	105/125 - 105/125um	05 - 0.5m
450 - 450nm	301 - 3x1	05 - 5W	135/155 - 135/155um	200/220 - 200/220um	08 - 0.8m
650 - 650nm	401 - 4x1	10 - 10W	200/220 - 200/220um	220/240 - 220/240um	10 - 1.0m
793 - 793nm	701 - 7x1	25 - 25W	SSS/SSS - Specify	400/440 - 400/440um	15 - 1.5m
915 - 915nm	191 - 19x1	50 - 50W		600/660 - 600/660um	20 - 2.0m
940 - 940nm		SS - Specify		X/125 - X/125um DCF	SS - Specify
975 - 975nm				X/250 - X/250um DCF	
980 - 980nm				X/400 - X/400um DCF	
SSS - Specify				SSS/SSS - Specify	