

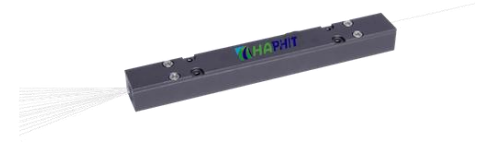
Multimode Pump Combiner

FEATURES

- High Input Optical Power
- Multiple Input Ports
- High Reliability and Stability
- Low Profile Packaging
- High Coupling Ratio

APPLICATIONS

- Fiber Laser
- Optical Amplifier
- High Power Laser
- Laser Source
- Labs



SPECIFICATION

Parameter	Unit	Value
Pump Wavelength	nm	793, 915, 950, 975, 980, 1030, 1064, 1080, 1480, 1550
Input Fiber	-	105/125um NA=0.12(D), NA=0.15(B) or NA=0.22(A) 106.5/125um NA=0.22(J), 200/220um, NA=0.22(C), 220/242um NA=0.22(C1), or specified by customer
Output Fiber	-	105/125um NA=0.12(D), NA=0.15(B) or NA=0.22(A) 106.5/125um NA=0.22(J), 200/220um, NA=0.22(C), 220/242um NA=0.22(C1), 400/440um NA=0.22(U), 6/125um NA=0.14(N), 5/130um NA=0.12(N1), 8/125um NA=0.12(M), 6/125um NA=0.18(M1), 10/125um NA=0.075(O), 10/130um NA=0.15(O1), 15/130um NA=0.075(W), 20/130um NA=0.075(Q), 25/250um NA=0.065(R), 25/300um NA=0.09(G), 25/250um NA=0.09(R2), 25/400um NA=0.065(R1), 30/250um NA=0.06(R6), 30/400um NA=0.06(R3), 25/400um NA=0.09(R4), or specified by customer
Configuration	-	2x1, 3x1, 4x1, 7x1, 19x1
Max. Input Pump Power Per Port (CW)	W	25, 50, 100, 200, 300, 500, 1000
Pump Efficiency	%	≥90%
Operating Temperature	°C	0~50
Storage Temperature	°C	-40~85
Package Dimension	mm	A: 65 ^L x12 ^W x8.6 ^H , B: 100 ^L x12 ^W x10 ^H C: 70 ^L x12 ^W x8 ^H , D: 100 ^L x15 ^W x10 ^H

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 0.3dB higher, RL is 10dB lower.
 3. Specifications are tested at low order modes.
 4. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
 5. Devices for higher optical power or with other type fiber or consigned fiber are also available.
 6. Package size may be different for different fiber type, optical power and configuration.

ORDERING INFORMATION (PN)

FMPC- NNN	- N	C	C	C	NN	- C	NN	- C
<i>Pump Wavelength</i>	<i>Configuration</i>	<i>Input Fiber Type</i>	<i>Output Fiber Type</i>	<i>Package</i>	<i>Pump Power</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>	<i>Connector Type</i>
915-915nm	3-3x1	A=105/125 NA=0.22	C=200/220 NA=0.22	A=A Type	25-25W	B= Bare Fiber	05-0.5m	N=Without Connector
980-980nm	4-4x1	B=105/125 NA=0.15	N=6/125DC Fiber	B=B Type	50-50W		10-1.0m	
793-793nm	7-7x1	C1=220/242NA=0.22	O=10/125DC Fiber	C=C Type	100-100W		15-1.5m	
1030-1030nm	19-19x1	D=105/125 NA=0.12	R=25/250DC Fiber	D=D Type	300-300W		20-2.0m	
		J=106.5/125 NA=0.22	R1=25/400DC Fiber					