

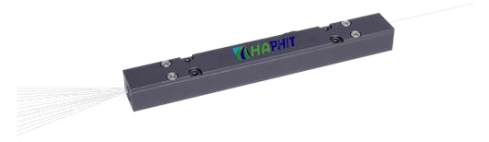
Multimode Pump Combiner

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

