



Nx1 Multi-Mode Pump Combiner

Features

High Power Handling
 High Pump Efficiency
 High Reliability
 Pump Efficiency Wavelength Insensitive

Applications

High Power Fiber Lasers
 High Power Amplifiers
 High Power Pump

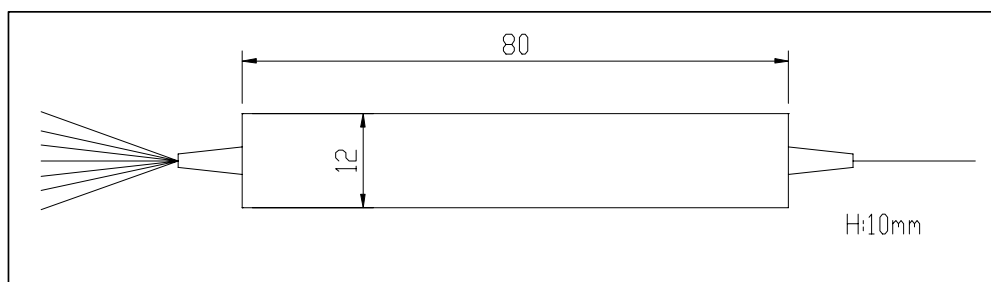
Specifications

Parameters	Unit	Values	
Pump Number		3 or 4	5 or 6 or 7
Pump Wavelength Range	nm	800-1000	
Input Fiber Type	-	MMF 105/125, NA0.15 or 0.22	
Output Fiber Type	-	MMF 0/125, NA 0.46 or MMF 200/220, NA 0.22 or MMF 200/240, NA 0.46 or MMF 0/400, NA 0.46	
Input Pump Power (max)	W	10 x 3 or 10 x 4	10 x 5 or 10 x 6 or 10 x 7
Insertion Loss	dB	<0.35	<0.45
Pump Efficiency	-	> 92%	> 90%
Package Dimensions	mm	60 x 12 x 8 or 80 x 12 x 10	80 x 12 x 10
Operating Temperature	°C	-20 to +70	
Storage Temperature	°C	-40 to +85	

*Customized fibers pls discuss with Optizone.

*Mode number summation of all input fibers should be less than that of output fiber.

Package Dimensions



Ordering Information

MMPC-①①-②-③③-④-⑤-⑥

①①: Pump Number

03 - 3 Pumps

04 - 4 Pumps

05 - 5 Pumps

06 - 6 Pumps

07 - 7 Pumps

③: Output Fiber Type

3 - 0/125, NA 0.46

4 - 200/220, NA 0.22

5 - 200/240, NA 0.46

6 - 0/400, NA 0.46

S - Specify

⑤: Fiber Buffer

B - Bare fiber

S - Specify

②: Input Fiber Type

1 - 105/125, NA 0.15

2 - 105/125, NA 0.22

S - Specify

④: Package Type

R - Rectangle

⑥: Fiber Length

0.8 - 0.8m

S - Specify