N×1 Multi-Mode Pump Combiner

Features

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

Applications

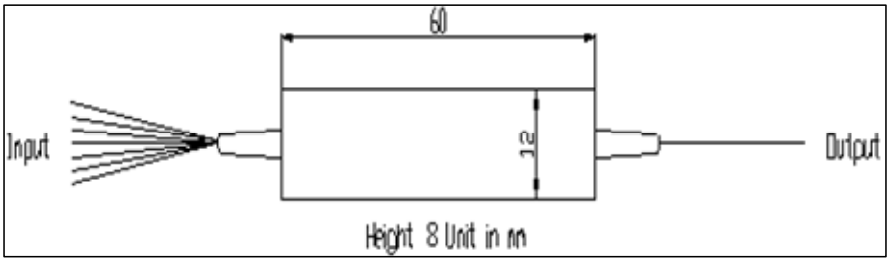
High Power Fiber Lasers
High Power Amplifiers
High Power Pump

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 105/170, NA 0.47 or 125/170, NA 0.47 or MMF 200/220, NA 0.22 or MMF 200/270, NA 0.47	
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 Dia. 3.0 x 60	60 x 12 x 8 or Dia. 4.5 x 60
Operating Temperature	℃	-20 t0 +70	
Storage Temperature	℃	-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

AMMPC-①①-②-③③-④-⑤-⑥

①①: Pump Number
03 - 3 Pumps
04 - 4 Pumps
05 - 5 Pumps
06 - 6 Pumps
07 - 7 Pumps

②: Input Fiber Type
1 - 105/125, NA 0.15
2 - 105/125, NA 0.22
S - Specify

③: Output Fiber Type
3 - 105/170, NA 0.47
4 - 125/170, NA 0.47
5 - 200/220, NA 0.22
6 - 200/270, NA 0.47
S - Specify

④: Package Type
R - Rectangle
C- Cylinder

⑤: Fiber Buffer
B - Bare fiber
L - 900um Loose Tube
S - Specify

⑥: Fiber Length
0.8 - 0.8m
S - Specify