

# PM Pump & Signal Combiner

PMMP Series: (6+1) × 1 PM Pump & Signal Combiner.

### Features:

- High Power Coupling Efficiency
- Preservation of Mode Content
- Wavelength Insensitive
- Custom Configurations Available

### Applications:

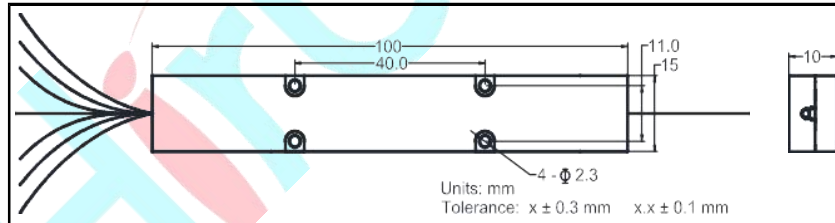
- Fiber Laser
- Fiber Laser Seed Amplifiers
- Fiber Laser Power Amplifiers
- Industrial, Telecom & Research

### Performance Specifications

Parameter	Unit	Value
Product Type		PM (6+1) x 1
Pump Wavelength Range	nm	900 - 1000
Signal Wavelength Range	nm	1064,1550
Fiber Type for Input(Pump Channel)	μm	Nufern 105/125(0.15 NA or 0.22 NA)
Fiber Type for Input(Signal Channel)	μm	PM980, PM1550, PM-6/125 DC or PM-8/125 DC
Fiber Type for Output	μm	PM-10/125 DC or PM-20/125 DC
Max. Signal Channel Insertion Loss	dB	0.5
Min. Signal Channel PER		18
Min. Pump Efficiency	%	98
Max. Input Pump Power	W	6 x 100
Package Dimensions	mm	100(L) x 15(W) x 10(H)
Operating Temperature	°C	-5 to +65
Storage Temperature	°C	-40 to +85

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

### Outline Diagram



### Ordering Information

PMMP-(6+1)x1-①①-②②②-③③-④④-⑤⑤-⑥

①: Signal Wavelength

06 - 1064 nm

55 - 1550 nm

S - Specify

②②②: Pump Wavelength

915 - 915 nm

976 - 976 nm

S - Specify

③③: Fiber Type for Pump Inpu

15 - 105/125 (NA 0.15)

22 - 105/125 (NA 0.22)

④: Fiber Type for Signal Input

06 - PM-6/125 DC

08 - PM-8/125 DC

S - Specify

⑤: Fiber Type for Output

10 - PM-10/125 DC

20 - PM-20/125 DC

S - Specify

⑥: Fiber Length

Q - 0.75 m

1 - 1.0 m

S - Specify