Multimode Pump & Signal Combiner

MMPC Series：(6+1)×1 Multimode Pump & Signal Combiner.

Features:

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

Applications:

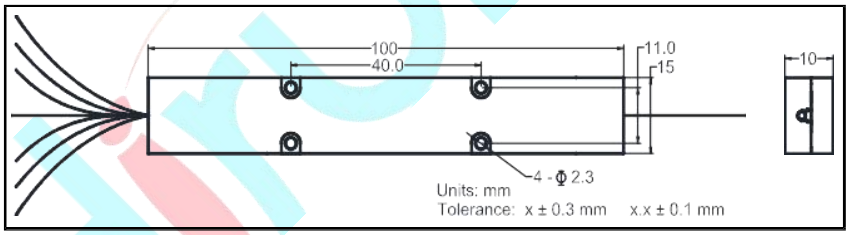
- Fiber Laser
- Fiber Laser Seed Amplifiers
- Fiber Laser Power Amplifiers
- Industrial, Telecom & Research

Performance Specifications

Parameter	Unit	Value
Product Type		(6+1) x 1
Pump Wavelength Range	nm	900 - 1000
Signal Wavelength Range	nm	1064
Fiber Type for Input(Pump Channel)	μm	Nufern 105/125(0.15 NA or 0.22 NA)
Fiber Type for Input(Signal Channel)	μm	HI1060 or 20/130 DC, NA=0.08/0.46
Fiber Type for Output	μm	20/130 DC, NA=0.08/0.46
Max. Signal Channel Insertion Loss	dB	<0.5
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	℃	-5 to +65
Storage Temperature	℃	-40 to +85

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

Outline Diagram



Ordering Information

MMPC-(6+1)x1-①①-②②②-③③-④④-⑤⑤-⑥

①: Signal Wavelengh
06 - 1064 nm
S - Specify

②②②: Pump Wavelength
915 - 915 nm
976 - 976 nm
S - Specify

③③: Fiber Type for Pump Input
15- 105/125 (NA0.15)
22 -105/125 (NA0.22)
S - Specify

④: Fiber Type for Signal Input
06 - HI1060
20 - 20/130 DC, NA=0.08/0.46
S - Specify

⑤: Fiber Type for Output
20 - 20/130 DC, NA=0.08/0.46
S - Specify

⑥: Fiber Length
Q - 0.75 m
1 - 1.0 m
S - Specify

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