



## (1+1)×1 Multimode Pump & Signal Combiner (MMPC Series)

### Features

- High Power Transfer Efficiency
- Wavelength Insensitive
- Particular Pulling and Package Technique
- Custom Configurations Available

### Applications

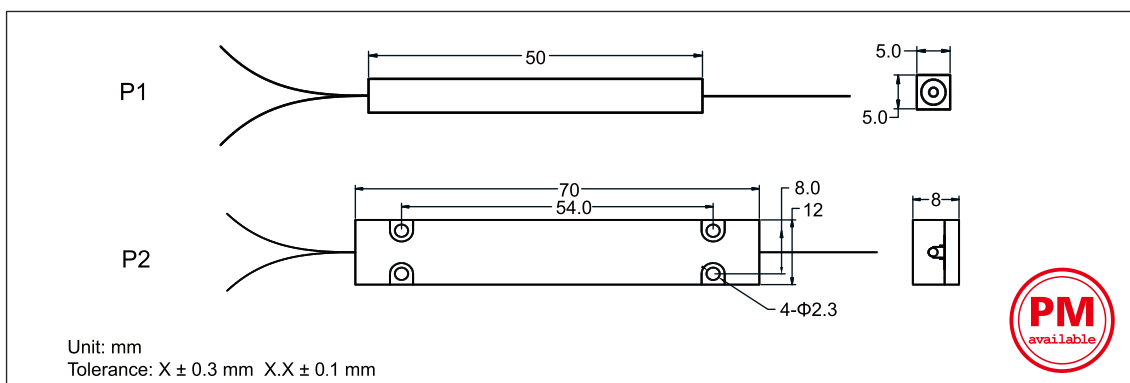
- High Power Fiber Laser
- High Power EDFA
- CATV Amplifier

### Specifications

Parameter	Unit	Value	
Product Type		(1+1)×1	
Pump Wavelength Range	nm	900 - 1000	
Signal Wavelength Range	nm	1060 or 1550	
Fiber Type for Input (Pump Channel)	μm	105/125 (NA 0.15 or 0.22)	
Fiber Type for Input (Signal Channel)	μm	6/125 DCF, 10/125 DCF	
Fiber Type for Output	μm	6/125 DCF, 10/125 DCF	
Signal Channel Insertion Loss	dB	< 0.50	
Typ. Pump Efficiency	%	94	
Min. Pump Efficiency	%	92	
Max. Input Pump Power	W	1 × 10	1 × 30
Package Dimensions	mm	P1: 50 (L) × 5 (W) × 5 (H)	P2: 70 (L) × 12 (W) × 8 (H)
Operating Temperature	°C	0 to +65	
Storage Temperature	°C	-40 to +85	

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

### Package Dimensions



### Ordering Information

#### MMPC-(1+1)×1-①①-②②②-③③-④④-⑤⑤-⑥-⑦

①①: Signal Wavelength	②②②: Pump Wavelength	③③: Fiber Type for Pump Input	
06 - 1060 nm	915 - 915 nm	15 - 105/125 (NA 0.15)	
55 - 1550 nm	975 - 975 nm	22 - 105/125 (NA 0.22)	
SS - Specify	SSS - Specify		
④④: Fiber Type for Signal Input	⑤⑤: Fiber Type for Output	⑥: Fiber Length	⑦: Package Type
06 - 6/125 DCF (NA 0.14/0.46)	06 - 6/125 DCF (NA 0.14/0.46)	Q - 0.75 m	1 - P1
10 - 10/125 DCF (NA 0.08/0.46)	10 - 10/125 DCF (NA 0.08/0.46)	1 - 1.0 m	2 - P2
SS - Specify	SS - Specify	S - Specify	