



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

Features

- High Power Transfer Efficiency
- Wide Wavelength Range
- Proprietary Tapering and Package Technique
- Custom Configurations Available

Applications

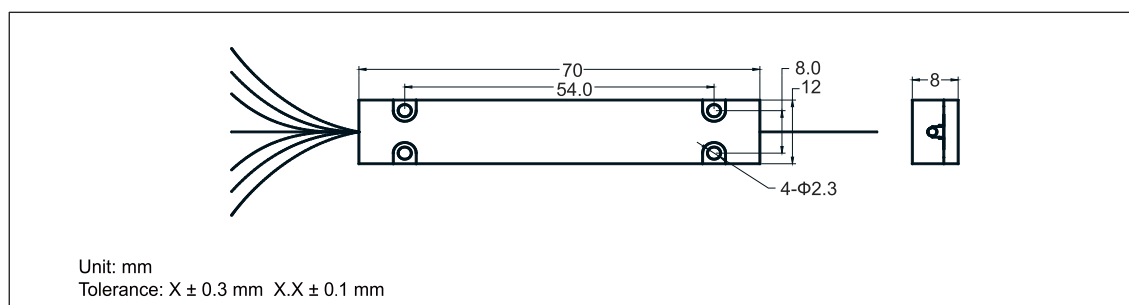
- Fiber Laser
- Fiber Amplifiers

Specifications

Parameter	Unit	Value
Product Type		(6+1)×1
Pump Wavelength Range	nm	900 - 1000
Signal Wavelength Range	nm	1064
Fiber Type for Input (Pump Channel)		Nufern 105/125 (NA 0.15 or 0.22)
Fiber Type for Input (Signal Channel)		HI 1060 or 20/130 DC (NA 0.08/0.46)
Fiber Type for Output		20/130 DC (NA 0.08/0.46)
Max. Input Pump Power	W	6 × 50
Typ. Signal Channel Insertion Loss	dB	0.5
Signal Channel Insertion Loss	dB	< 0.70
Typ. Pump Efficiency	%	95
Min. Pump Efficiency	%	93
Package Dimensions	mm	70 (L) × 12 (W) × 8 (H)
Operating Temperature	°C	-5 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



Package Dimensions

MMPC-(6+1)×1-①①-②②-③③-④④-⑤⑤-⑥⑥

①①: Signal Wavelength 06 - 1064 nm SS - Specify	②②②: Pump Wavelength 915 - 915 nm 976 - 976 nm SSS - Specify	③③: Fiber Type for Pump Input 15 - 105/125 (NA 0.15) 22 - 105/125 (NA 0.22) SS - Specify
④④: Fiber Type for Signal Input 06 - HI 1060 20 - 20/130 DC (NA 0.08/0.46) SS - Specify	⑤⑤: Fiber Type for Output 20 - 20/130 DC (NA 0.08/0.46) SS - Specify	⑥: Fiber Length Q - 0.75 m S - Specify