(6+1)×1 PM Pump & Signal Combiner (PMMPC Series)

Rev 11

Features

- High Coupling Efficiency
- High Signal Transfer Efficiency
- Wide Wavelength Range
- Proprietary Pull and Package Technique
- Custom Configurations Available

Applications

- PM Fiber Laser
- PM Fiber Amplifier

Description

- Pump Combiner with PM Signal Feedthrough

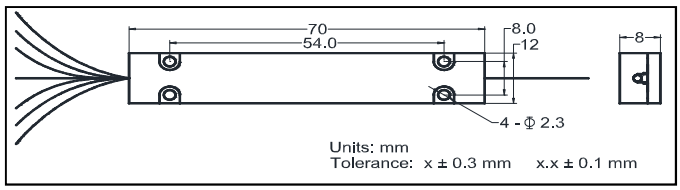
Specifications

Parameter	Unit	Value	
Product Type	-	PM (6+1)×1	
Pump Wavelength Range	nm	900 - 1000	
Signal Wavelength Range	nm	1060, 1550	
Fiber Type for Input (Pump Channel)	-	Nufern 105/125 (0.15 NA, or 0.22 NA)	
Fiber Type for Input (Signal Channel)	-	PM 980, PM 1550, PM-6/125 DC, or PM-8/125 DC	
Fiber Type for Output	-	PM-10/125 DC, or PM-20/125 DC	
Signal Channel Insertion Loss	dB	< 0.80	
Min. Pump Efficiency	%	94 (Typ.95)	
Max. Input Pump Power	W	6 × 50	6 × 100
Package Dimensions	mm	P2: 70 (L) × 12 (W) × 8 (H)	P5: 100 (L) × 15 (W) × 10 (H)
Operating Temperature	℃	0 to + 65	
Storage Temperature	℃	- 40 to + 85	

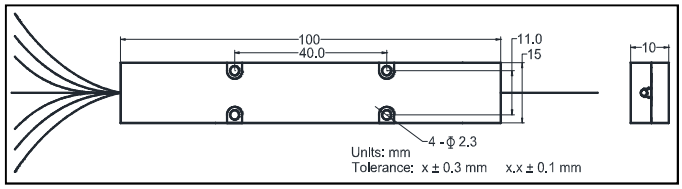
[1]Mode number summation of all input fibers should be less than that of output fiber.

Package Dimensions

P2



P5



Ordering Information

PMMPC-(6+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 (0.15 NA)
55 - 1550 nm	975 - 975 nm	22 - 105/125 (0.22 NA)
SS - Specify	SSS - Specify	

④④: Fiber Type for Signal Input	⑤⑤: Fiber Type for Output	⑥: Fiber Length	⑦: Package Type
06 - PM-6/125 DC	10 - PM-10/125 DC	Q - 0.75 m	2 - P2
08 - PM-8/125 DC	20 - PM-20/125 DC	1 - 1.0 m	5 - P5
SS - Specify	SS - Specify	S - Specify	