Advanced Fiber Resources (HK), Ltd.

793/2000 nm (2+1)×1 Multimode Pump & Signal Combiner (MMPC Series)

Rev 11B

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

Description

- Pump Combiner + Signal Transfers

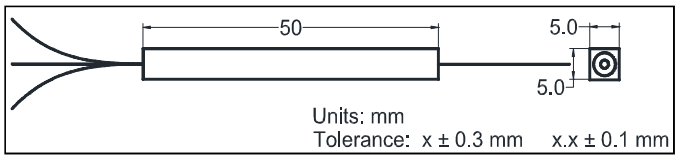
Specifications

Parameter	Unit	Value	
Product Type	-	(2+1)×1	
Pump Wavelength	nm	793	
Signal Wavelength	nm	2000	
Fiber Type for Input (Pump Channel)	-	Nufern 105/125 (0.15 NA or 0.22 NA)	
Fiber Type for Input (Signal Channel)	-	Nufern SM-GDF-10/130-15FA	
Fiber Type for Output	-	Nufern SM-GDF-10/130-15FA	
Signal Channel Insertion Loss	dB	< 0.60	
Typ. Pump Efficiency	%	92	
Min. Pump Efficiency	%	90	
Max. Input Pump Power	W	2 × 5	2 × 30
Package Dimensions	mm	P1: 50 (L) × 5 (W) × 5 (H)	P2: 70 (L) × 12 (W) × 8 (H)
Operating Temperature	℃	0 to + 65	
Storage Temperature	℃	- 40 to + 85	

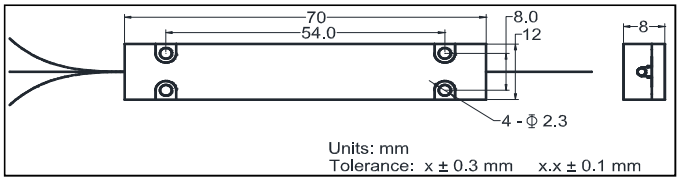
[1]Mode number summation of all input fibers should be less than that of output fiber.

Package Dimensions

P1



P2



Ordering Information

MMPC-(2+1)×1-①①①①-②②②-③③-④④-⑤⑤-⑥⑥-⑦

①①①①: Signal Wavelength
2000 - 2000 nm
SSSS - Specify

②②②: Pump Wavelength
793 - 793 nm
SSS - Specify

③③: Fiber Type for Pump Input
15 - 105/125 (0.15 NA)
22 - 105/125 (0.22 NA)

④④: Fiber Type for Signal Input
10 - SM-GDF-10/130-15FA
SS - Specify

⑤⑤: Fiber Type for Output
10 - SM-GDF-10/130-15FA
SS - Specify

⑥: Fiber Length
Q - 0.75 m
S - Specify

⑦: Package Type
1 - P1
2 - P2