

(1+1) x 1 Multimode Pump & Signal Combiner

Model #: MMPC

Description: (1+1) x 1 Multimode Pump & Signal Combiner, Pump Combiner with Signal Feedthrough

Application: Fiber amplifier, fiber laser, CATV amplifier

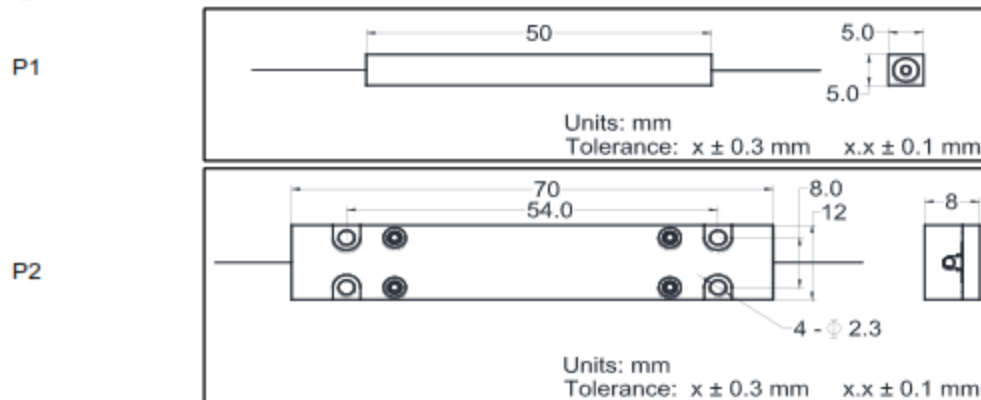
Features: High Coupling Efficiency, High Signal Transfer Efficiency, Wide Wavelength Range,
 Proprietary Pull and Package Technique, Custom Configurations Available

Specifications:

Parameter	Unit	Specifications*	
Product Configuration		(1 + 1) x 1	
Pump Wavelength Range	nm	900 - 1000	
Signal Wavelength	nm	1060 or 1550	
Pump Channel Input Fiber	µm	105/125 (0.15 or 0.22 NA)	
Signal Channel Input Fiber	µm	6/125 DCF, 10/125 DCF	
Output Fiber	µm	10/125 DCF, 10/125 DCF	
Max. Signal Channel Insertion Loss	dB	0.5	
Typ. Pump Efficiency	%	94	
Min. Pump Efficiency	%	92	
Power Handling	W	1 x 10	1 x 25
Package Dimension	mm	P1: 50 (L) x 5 (W) x 5 (H)	P2: 70 (L) x 12 (W) x 8 (H)
Operating Temperature	°C	-5 to +65	
Storage Temperature	°C	-40 to + 85	

Note: Mode number summation of all input fibers should be less than that of output fiber

Package Dimensions



Ordering Information: MMPC-(1+1)x1-AA-BBB-CC-DD-EE-FF-G

AA: wavelength	BBB: pump wavelength	CC: pump input fiber	DD: signal input fiber	EE: output fiber	FF: fiber length	E: package type
06 – 1060 nm	915 – 915 nm	15 – 105/125 (0.15 NA)	06 – 6/125 DCF, NA = 0.14/0.46	06 – 6/125 DCF, NA = 0.14/0.46	08 – 0.8 m	1 - P1
55 – 1550 nm	975 – 975 nm	22 – 105/125 (0.22 NA)	10 – 10/125 DCF, NA = 0.08/0.46	10 – 10/125 DCF, NA = 0.08/0.46	12 – 1.2 m	2 – P2
XX - other	XXX - other		XX - other	XX - other	X - other	