

MPC(2+1)×1 Pump Combiner

Features

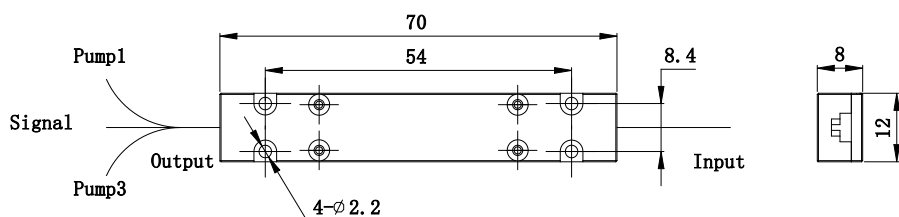
Low insertion loss
High Pump Efficiency
stability and reliability

Application:

Continuous Wave Fiber Laser
High-Power Laser Equipment
Experimental tests and other areas

Description	Parameter	Unit	Note
Type	MPC-(2+1)x1		
Direction	Forward		
Pump Wavelength	916	nm	
Signal Wavelength	1060	nm	
Pump Fiber	105/125- 0.22NA	μm	
Signal Fiber	Liekki-Passive-10/125-SC-0.08NA	μm	
Output Fiber	Nufern-LMA-GDF-30/250-0.06/0.46NA	μm	
Signal Insertion Loss	0.5	dB	
Transmission Efficiency	90	%	
M2	1.1		
Optical Isolation	25	dB	
Each port Power	25	W	
Operating Temperature	-5-+70	oC	
Storage Temperature	-40-+85	oC	
Fiber Length	1.0	m	
Operating Humidity	5-95	%RH	
Dimensions	70*12*8	mm	

Mechanical Dimension



Units:mm
Tolerance:X±0.3mm, X.X±0.1mm

Ordering Information

GCMPC-(2+1)X1-1-2-3-4-5-6-7-8-9

1	Pump Propagation Direction	B - Backward F - Forward
2	Pump Wavelength	976 - 976nm Other - Specify
3	Signal Wavelength	1030 - 1030nm Other - Specify
4	Pump Fiber Type	MM-S105/125-0.22NA Other - Specify
5	Signal Fiber Type	PLMA-GDF-14/125 Other - Specify
6	Output Fiber Type	PLMA-GDF-14/125 Other - Specify
7	Each port Power	400W - 400 W power
8	Package Type	70(L) x12(W) x8(H) Other - Specify
9	Fiber Length	1 m- 1meter Other - Specify