

2×1 Multi-Mode Pump Combiner (MPC)

Description

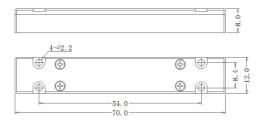
This 2×1 multi-mode fiber combiner is designed for high power fiber laser application. It combines two pump lasers into one multi-mode output fiber. Fiber type can be customized.

Key Features

- High Pump Efficiency
- Wavelength Insensitive
- Custom Configurations Available

Mechanical Dimension

C4: 70x12x8





Unit: mm



Specifications

Parameters/Test conditions			Min	Тур.	Max	Unit	Note
1	Pump Operating Wavelength		800		1000	nm	
2	Pump Fiber	Core Diameter		105		μm	Refer to fiber codes
3		Cladding Diameter		125		μm	
4		Numerical Aperture		0.15		-	
5	Output Fiber		105/125 0.22NA				Refer to fiber codes
6	Pump Efficiency		90			%	
7	Fiber Length		0.8			m	Each port
8	Power Handling				25	W	Each port
9	Operating Environment Temperature		-5		+70	°C	
10	Operating Humidity		5		95	%RH	
11	Storage Temperature		-40		+85	°C	
12	Package		C4			-	

Ordering Information

 $MPC\text{-}2\times1\text{-} Pump \ wavelength/Pump \ power\text{-} Pump \ fiber\text{-}Output \ fiber\text{-}Package\text{-}Fiber \ length}$

Note:

Pump/Output fiber: refer to fiber codes.

Package: C4