

2×1 Multi-Mode Pump Combiner (MPC)

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

Applications

- CWDM systems



Specifications

Parameters/Test conditions		Min	Typ.	Max	Unit	Note
Pump Operating Wavelength		800		1000	nm	
Pump Fiber	Core Diameter		105		μm	
	Cladding Diameter		125		μm	Refer to fiber codes
	Numerical Aperture		0.15		-	
Output Fiber		105/125 0.22NA				Refer to fiber codes
Pump Efficiency		90			%	
Fiber Length		0.8			m	Each port
Power Handling				25	W	Each port
Operating Environment Temperature		-5		+70	°C	
Operating Humidity		5		95	%RH	
Storage Temperature		-40		+85	°C	
Package			70x12x8		-	

Ordering Information

MPC-2×1- Pump wavelength/Pump power- Pump fiber -Output fiber-Package-Fiber length

Note :

Pump/Output fiber: refer to fiber codes.

Package: 70x12x8