

# 7×1 Multi-Mode Pump Combiner (MPC)

## Description

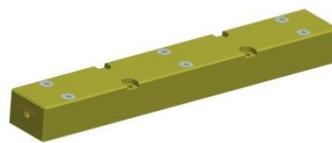
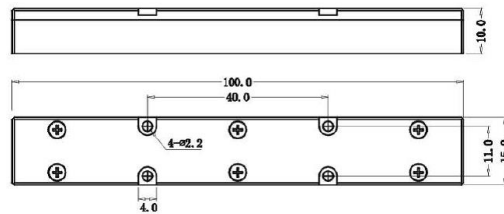
This 7×1 multi-mode fiber combiner is designed for high power fiber laser application. It combines 7pcs pump lasers into one double cladding output fiber. Fiber type can be customized.

## Key Features

- High Pump Efficiency
- Wavelength Insensitive
- Custom Configurations Available

## Mechanical Dimension

**C7: 100x15x10**



**Unit: mm**

## Specifications

Parameters/Test conditions			Min	Typ.	Max	Unit	Note
1	Pump Operating Wavelength		800		1000	nm	
2	Pump Fiber	Core Diameter	200		220	μm	Refer to fiber codes
3		Cladding Diameter	220		242	μm	
4		Numerical Aperture	0.22			-	
5	Output Fiber		20/400 DCF				Refer to fiber codes
6	Pump Efficiency		95	97		%	
7	Fiber Length		0.8			m	Each port
8	Power Handling				150	W	Each port
9	Operating Environment Temperature		-5		+70	°C	
10	Operating Humidity		5		95	%RH	
11	Storage Temperature		-40		+85	°C	
12	Package		C7			-	

## Ordering Information

MPC-7×1- Pump wavelength/Pump power- Pump fiber -Output fiber-Package-Fiber length

### Note :

Pump/Output fiber: refer to fiber codes.

Package: C7