

7×1 Multi-Mode Pump Combiner (MPC)

Description

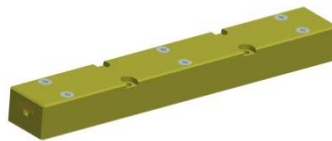
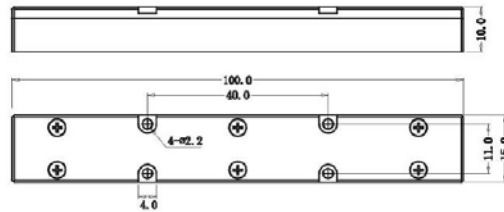
This 7×1 multi-mode fiber combiner is designed for high power fiber laser application. It combines 7pcs pump lasers into one double cladding output fiber. Fiber type can be customized.

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		μm	Refer to fiber codes
3		Cladding Diameter	220		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