

# 7×1 Multi-Mode Pump Combiner (MPC)

## Description

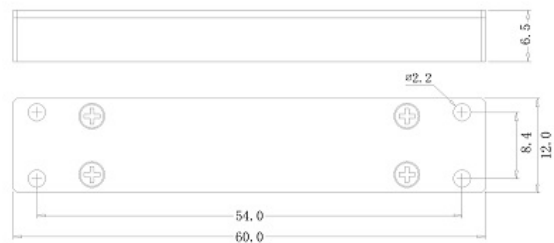
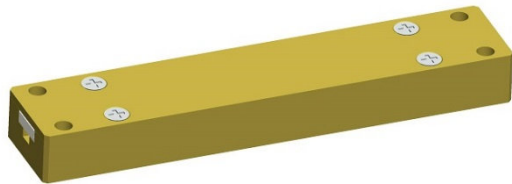
This 7×1 multi-mode fiber combiner is designed for high power fiber laser application. It combines 7pcs pump lasers into one output fiber. Fiber type can be customized.

## Key Features

- High Pump Efficiency
- Wavelength Insensitive

## Mechanical Dimension

S1: 60x12x6.5



Unit: mm

## Specifications

Parameters/Test conditions		Min	Typ.	Max	Unit	Note
1	Pump Operating Wavelength	800		1000	nm	
2	Pump Fiber	Core Diameter		105	μm	Nufern
		Cladding Diameter		125	μm	MM-S105/125-0.15NA
		Numerical Aperture		0.15	-	Fiber code "120"
3	Output Fiber	Core Diameter		220	μm	Nufern FUD-3659
		Cladding Diameter		242	μm	Fiber code "144"
		Numerical Aperture		0.22	-	
4	Pump Efficiency	97	98		%	
5	Fiber Length	1.0			m	Each port
6	Power Handling			200	W	Each port
7	Operating Environment Temperature	-5		+70	°C	
8	Operating Humidity	5		95	%RH	
9	Storage Temperature	-40		+85	°C	
10	Package		S1		-	

## Ordering Information

MPC-7×1-915/200w-120-144-S1-1.0m