



7 × 1 Multi-Mode Pump Combiner (MMPC)

Rev 11B

Description

The 7 × 1 Multi-Mode Pump Combiner is designed for combining the power from 7 multimode laser diodes. The pump combiner is also available for different fiber types.

Key Features

- High Coupling Efficiency
- High Power Handling

Applications

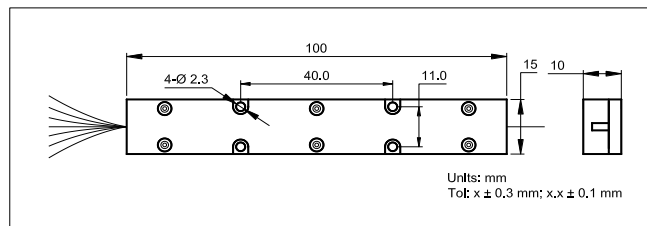
- Fiber Laser

Specifications

Parameter	Unit	Value
Product Type	-	7 × 1
Pump Wavelength Range	nm	900 - 1000
Fiber Type for Input (Pump Channel)	-	Nufern 105/125 (0.15 NA or 0.22 NA)
Fiber Type for Output	-	220/242DC, 0/400, 30/250 DCF, 20/400 DCF
Max. Input Pump Power	W	7 × 100
Min. Multimode Power Transfer Efficiency	%	94 (Typ.95)
Package Dimensions	mm	100 (L) × 15 (W) × 10 (H)
Storage Temperature	°C	- 40 to + 85
Operating Temperature	°C	0 to + 65

¹Mode number summation of all input fibers should be less than that of output fiber.

Package Dimensions



Ordering Information

MMPC-7 x 1-①①①-②②-③③-④

①①①: Pump Wavelength

915 - 915 nm

975 - 975 nm

SSS - Specify

②②: Fiber Type for Pump Input

15 - 105/125 (0.15 NA)

22 - 105/125 (0.22 NA)

③③: Fiber Type for Output

22 - MM-S220/242-22FA-XP

30 - 30/250 DCF

SS - Specify

④: Fiber Length

Q - 0.75 m

S - Specify