

## High Power 7x1 Pump Combiner (HPPC Series)

Rev 11A

### Description

The High Power Pump Combiner is designed for combining the power of several multimode laser diodes with high efficiency. The device can handle more than 1kW combined power. Available for different fiber types.

### Key Features

- High Power Handling
- High Coupling Efficiency
- Proprietary Fiber Tapering Technique

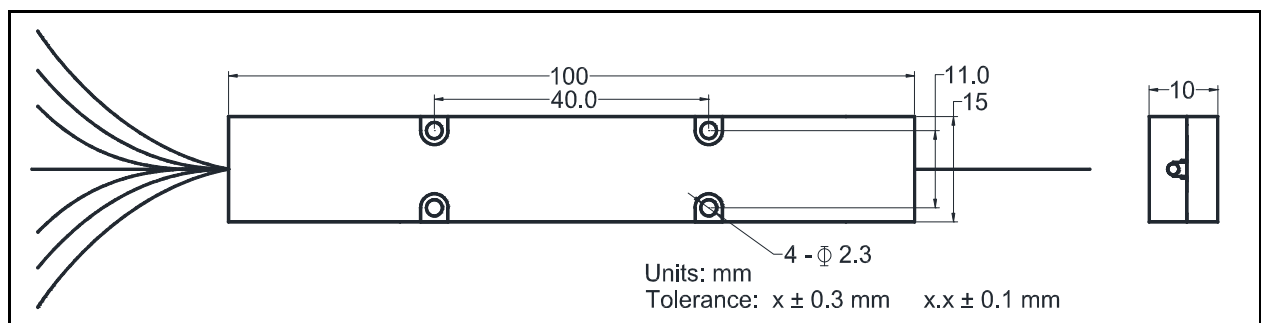
### Applications

- kW Class Fiber Laser

### Specifications

Parameter	Unit	Value
Product Type	-	7x1
Wavelength Range	nm	915 - 980
Fiber Type for Input	-	Nufern 220/242 (0.22 NA) or 200/220 (0.22 NA)
Fiber Type for Output	-	Nufern LMA-GDF-20/400-M, 0.06/0.46 NA
Max. Input Pump Power	W	7 x 200
Typ. Pump Efficiency	%	99
Min. Pump Efficiency	%	97
Package Dimensions	mm	100 (L) x 15 (W) x 10 (H)
Operating Temperature (Active Cooling Required)	°C	- 5 to + 65
Storage Temperature	°C	- 40 to + 85

### Package Dimensions



### Ordering Information

HPPC-7x1-①①-②②-③

①①: Fiber Type for Pump Input

22 - 220/242 (0.22 NA)

20 - 200/220 (0.22 NA)

SS - Specify

②②: Fiber Type for Output

20 - Nufern LMA-GDF-20/400-M

30 - Nufern LMA-GDF-30/250-M

SS - Specify

③: Fiber Length

Q - 0.75 m

S - Specify