

## High Power 19 × 1 Pump Combiner (HPPC Series )

### Description

The High Power 19 × 1 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

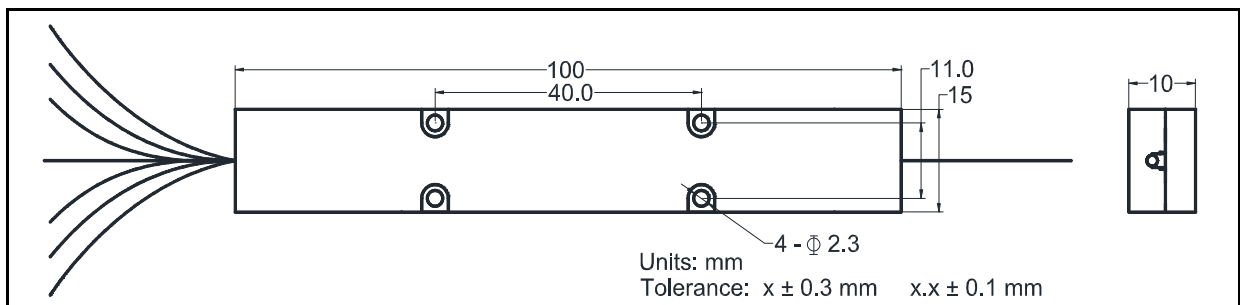
### Applications

- kW Class Fiber Laser

### Specifications

Parameter	Unit	Value
Product Type	-	19x1
Wavelength Range	nm	915 - 980
Fiber Type for Input	-	105/125 (0.15 or 0.22 NA)
Fiber Type for Output	-	Nufern LMA-GDF-20/400-M, 0.06/0.46 NA
Max. Input Pump Power	W	19 × 60
Typ. Pump Efficiency	%	99
Min. Pump Efficiency	%	97
Package Dimensions	mm	100 (L) × 15 (W) × 10 (H)
Operating Temperature (Active Cooling Required)	°C	- 5 to + 65
Storage Temperature	°C	- 40 to + 85

### Package Dimensions



### Ordering Information

**HPPC-19x1-①①-②②-③**

①①: Fiber Type for Pump Input

15 - 105/125 (0.15 NA)

22 - 105/125 (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