



High Power 19 x 1 Pump Combiner (HPPC Series)

Description

The High Power 19 x 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

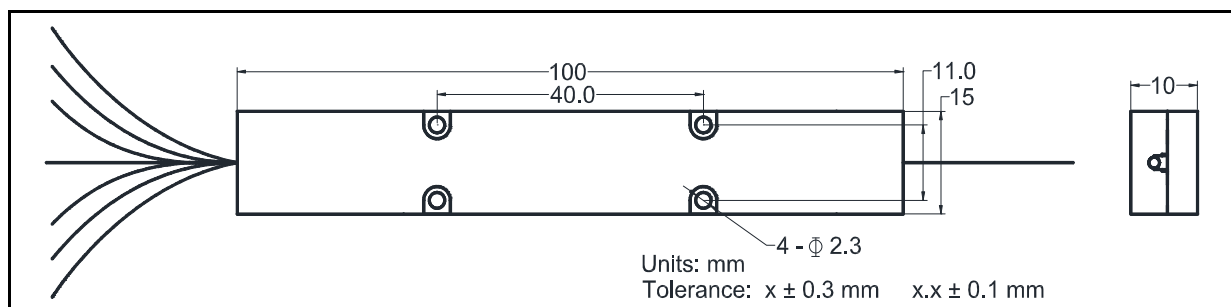
Applications

- 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 x 60
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-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