



High Power 7x1 Pump Combiner (HPPC Series)

REV11 A

Description

The HPPC-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

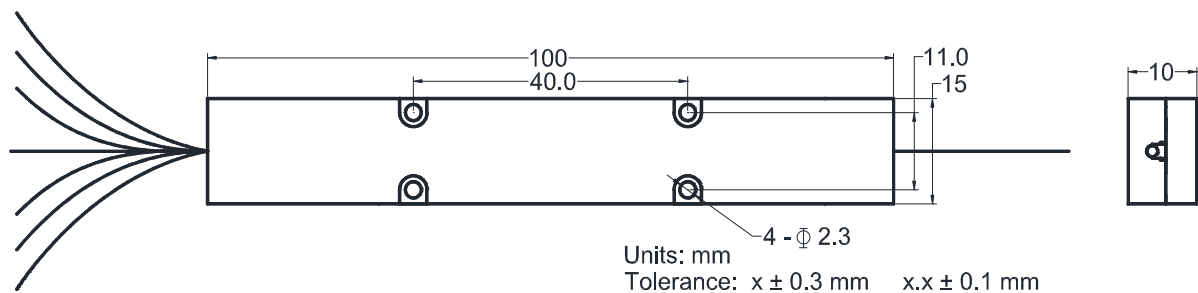
Applications

- kW Class Fiber Laser

Specifications

Parameter	Unit	Value
Product Type		7 x 1
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