

N×1 High Power Laser Combiner

The High Power N×1 Laser Combiner is designed for combining the power from N units of kW class fiber laser with high efficiency. Available for different fiber types.

Features

- High power transfer efficiency
- Custom configurations available
- Proprietary tapering and package technique

Applications

- Multi-kilowatt fiber lasers

Specifications

Product Type	3×1 or 4×1 or 7×1
Laser Wavelength Range (nm)	1060 - 1080
Fiber Type for Input	20/130 or 25/250 or 30/250 (NA = 0.065)
Fiber Type for Output	100/120/360, NA = 0.22
Input Power Handling per Port (W)	3000
Min. Power Transfer Efficiency (%)	≥ 98
Max. Backward Power Handling (W)	1000
Beam Parameter Product (BPP) (mm mrad)	3 - 4
Operating Temperature (°C)	0 to +65
Storage Temperature (°C)	-40 to +85