

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.

Characteristics

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

Applications

- Multi-kilowatt fiber lasers

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 (mm mrad)	3 – 4
Operating Temperature (*C)	0 to +65
Storage Temperature (*C)	-40 to +85