

## HIGH POWER LASER DIODES

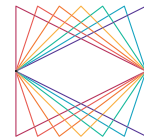
# BRIGHTEX-P2

OPI BrighteX-P2 platform features increased brightness by adding **polarization combining** to the P1 platform (based on beam stacking). Off-the-shelf products include four variants, with output power up to 260 W. Thanks to platform approach, customizations in terms of emitters and delivery fiber are also possible to match specific application requirements.

### Main Features:

- Four off-the-shelf variants with output power up to 260 W
- Fiber delivery
- Platform approach to allow optional customizations
- Applications: fiber laser pumping, direct diode sources

PARAMETER	UNIT	SPECIFICATION	
CW output power	W	C1	140
		C2-3-4	180
		C4	260
Operating current	A	C1-2	12
		C3	13.5
		C4	20
Operating voltage	V	C1	25
		C2-3-4	33
Wall plug efficiency	%	50	
Beam NA at 95%	-	C1	0.15
		C2-3-4	0.19
Central wavelength	nm	915	
Fiber core/cladding diameter	μm	C1-2	105/125
		C3	135/155
		C4	200/220
Fiber NA	-	C1	0.15
		C2-3-4	0.22
Pigtail length	m	1.5	
Operating temperature	°C	25	
Relative humidity	%	50	



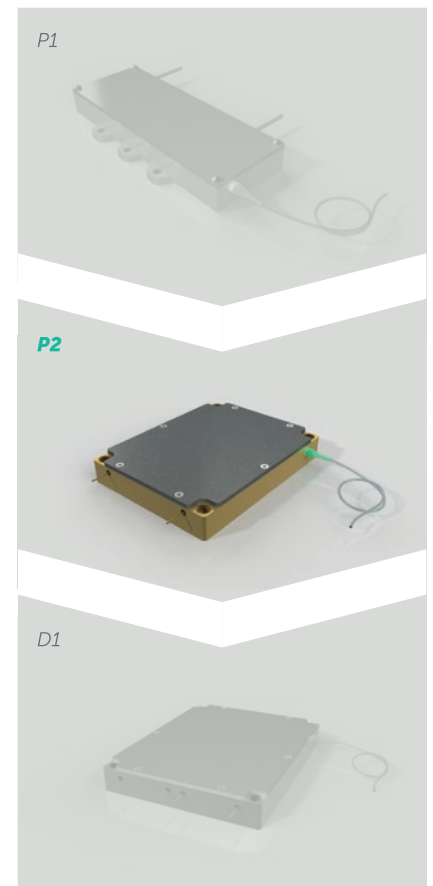
OPIPHOTONICS

UP TO 260 W

FIBER-COUPLED

PLATFORM APPROACH

POLARIZATION COMBINING



BrighteX series: 3 platforms with increasing complexity. P1: beam stacking, P2: polarization combining, D1: spectral multiplexing.

HIGH POWER

LASER DIODES