

Nx1 Multimode Pump Combiner

Configuration	Pump Fiber	Output Fiber	Pump Efficiency	Power per Leg
2x1	105/125, 0.15	105/125, 0.22	88-92%	100W
3x1	105/125, 0.22	200/220, 0.22	95%	100W
3x1	200/220, 0.22	400/440, 0.22	95%	200W
4x1	105/125, 0.15	200/220, 0.22	95%	100W
4x1	105/125, 0.22	220/242, 0.22	95%	150W
7x1	105/125, 0.15	200/220, 0.22	93%	100W
7x1	105/125, 0.22	x/125 DC	93-96%	100W
7x1	105/125, 0.22	220/242, 0.22	90-98%	150W
7x1	220/242, 0.22	x/400 DC	94-98%	300-800W
19x1	105/125, 0.15	400/440, 0.22	93%	100W
19x1	105/125, 0.15	x/200 DC	95%	100W
19x1	105/125, 0.22	x/250 DC	95%	80W
19x1	105/125, 0.22	x/400 DC	97%	150W
19x1	135/155, 0.22	x/400 DC	97%	100-200W
19x1	135/155, 0.22	600/660, 0.22	96%	100-200W

1. The pump efficiency and max. power per leg rely on coupling filling condition of the pump fiber. The listed parameters are based on medium filling of approx. 0.17NA containing 90% power in a 0.22NA optical fiber.

2. x are different fiber core diameters.