

(N+1)x1 Multimode Pump+Signal Combiner

Configuration	Pump Fiber	Signal Fiber	Output Fiber	Pump Efficiency*	Signal IL	Max. Power per Leg*
(2+1)x1	105/125/0.22	x/125 SC or DC	x/125 DC	90%	0.35dB	80W
(2+1)x1	135/155/0.22	x/250 SC or DC	y/250 DC	90%	0.7dB	80W
(2+1)x1	200/220/0.22	x/400 DC	x/400 DC	97%	0.3dB	300W
(6+1)x1	105/125/0.22	x/125 SC or DC	x/125 DC	90%	0.7dB	80W
(6+1)x1	105/125/0.22	x/125 SC or DC	y/250DC	95%	0.7dB	100W
(6+1)x1	135/155/0.22	x/125 DC	14/250 DC	97%	0.5dB	300W
(6+1)x1	220/242/0.22	x/400 DC	x or y/400 DC	97%	0.5dB	500W
(6+1)x1	220/242/0.22	x/400 DC	y/600 DC	98%	0.5dB	700W
(18+1)x1	105/125/0.22	x/125 SC or DC	x or y/400DC	97%	0.7dB	100W
(18+1)x1	135/155/0.22	x/125 SC or DC	x or y/400DC	97%	0.7dB	150W

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

** Above listed parameters are for forward pumping. Backward pumping is available upon request.

*** x any y are different fiber core diameters.