

(N+1)x1 Multimode Pump + PM Signal Combiner

Configuration	Pump Fiber	Signal Fiber	Output Fiber	Pump Efficiency*	Signal IL	Max. Power per Leg*
PM (2+1)x1	105/125/0.22	x/125 SC or DC	x/125 DC	90%	0.35dB	80W
PM (2+1)x1	105/125/0.22	x/125 SC or DC	y/125 DC	90%	0.7dB	80W
PM (2+1)x1	105/125/0.22	x/125 SC or DC	y/250 DC	93%	0.7dB	80W
PM (2+1)x1	105/125/0.22	X/250 SC or DC	x/250 DC	93%	0.5dB	80W
PM (2+1)x1	200/220/0.22	x/250 SC or DC	x/250 DC	90%	0.5dB	300W
PM (2+1)x1	200/220/0.22	x/400 DC	x/400 DC	95%	0.5dB	300W
PM (6+1)x1	105/125/0.15	x/125 SC or DC	x/125 DC	90%	0.7dB	80W
PM (6+1)x1	105/125/0.22	x/125 SC or DC	y/250DC	93%	0.7dB	150W
PM (6+1)x1	135/155/0.22	x/125 SC or DC	y/250 DC	93%	0.7dB	250W
PM (6+1)x1	200/220/0.22	x/400 DC	x /400 DC	95%	0.7dB	300W
PM (6+1)x1	220/242/0.22	x/400 DC	y/400 DC	95%	0.7dB	300W
PM (18+1)x1	105/125/0.15	x/125 SC or DC	x/250DC	95%	0.8dB	80W
PM (18+1)x1	105/125/0.22	x/125 SC or DC	x /400DC	97%	0.8dB	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.

** x any y are different fiber core diameters. PER>18dB for (2+1)1 and (6+1)x1, PER>16dB for (18+1)x1.