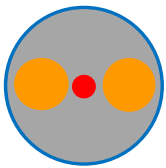
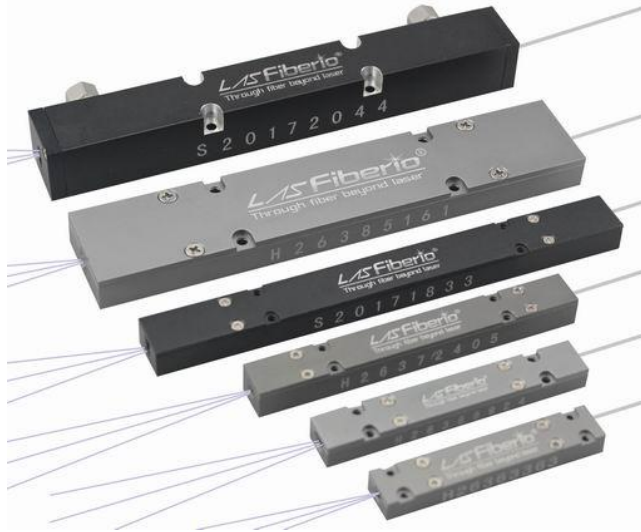


PM (N+1) × 1, Multimode Pump+ PM Signal Combiner



It combines N-pc pump energy and 1 pc of PM signal to a single LMA double clad fiber, then achieve pump energy and pump signal energy transfer in the output fiber. According to the pump and signal transmit direction difference, there are 2 versions: forward pump type and backward pump type.

Please reach Lasfiberio for deep communication before ordering PM products.

Features:

- Customization is available.
- High Pump and Signal Efficiency
- High power handling capability.

Applications:

- Fiber Laser
- High Power Fiber Amplifier

PM (N+1) × 1, Multimode Pump+ PM Signal Combiner

Spec.						
Conf.	Pump Fiber	Signal Fiber	Output Fiber	Pump Eff.	Signal Loss	Power/Leg
PM (2+1) × 1	105/125 0.22	x/125 SC or DC	x/125DC	90%	0.35dB	80W
PM (2+1) × 1	105/125 0.22	x/125 SC or DC	y/125DC	90%	0.7dB	80W
PM (2+1) × 1	105/125 0.22	x/125 SC or DC	y/250DC	93%	0.7dB	80W
PM (2+1) × 1	105/125 0.22	x/250 SC or DC	x/250DC	93%	0.5dB	80W
PM (2+1) × 1	200/220 0.22	x/250 SC or DC	x/250DC	90%	0.5dB	100W
PM (2+1) × 1	200/220 0.22	x/400DC	x/400 DC	95%	0.5dB	200W
PM (6+1) × 1	105/125 0.15	x/125 SC or DC	x/125DC	90%	0.7dB	50W
PM (6+1) × 1	105/125 0.15	x/125 SC or DC	y/125DC	93%	0.7dB	50W
PM (6+1) × 1	105/125 0.22	x/125 SC or DC	y/250DC	93%	0.7dB	80W
PM (6+1) × 1	200/220 0.22	x/400DC	x/400DC	95%	0.7dB	300W
PM (6+1) × 1	220/242 0.22	x/400DC	x/400DC	95%	0.7dB	300W
PM (18+1) × 1	105/125 0.15	x/125 SC or DC	x/200DC	95%	0.8dB	80W
PM (18+1) × 1	105/125 0.22	x/125 SC or DC	x/400DC	97%	0.8dB	150W

Remark:

- * x, y means different fiber core size, can be 6, 8, 10, 12, 14, 20, 25, 30 etc, x≠y.
- * PM N+1×1 types of combiners can be customized, we have >100 versions.
- * All products are with LasFiberio logo, for special request, please contact our sales .

Ordering Information:

Please describe your pump combiner structure, like:

PM6+1*1, pump fiber 105/125 of 50w/leg , CW on 90% eff. , signal fiber PM10/125, output fiber PM25/250. No output beam profile degradation when fiber is moving. Polarization extinction ratio <20 db etc.

and drop us mail to sales@lasfiberio.com for further help.