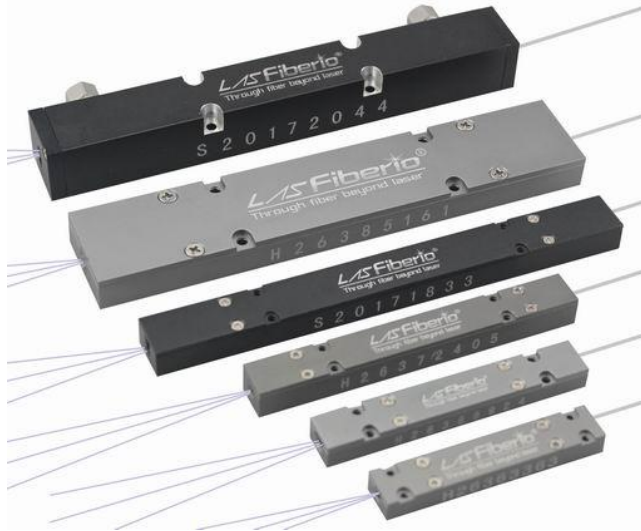


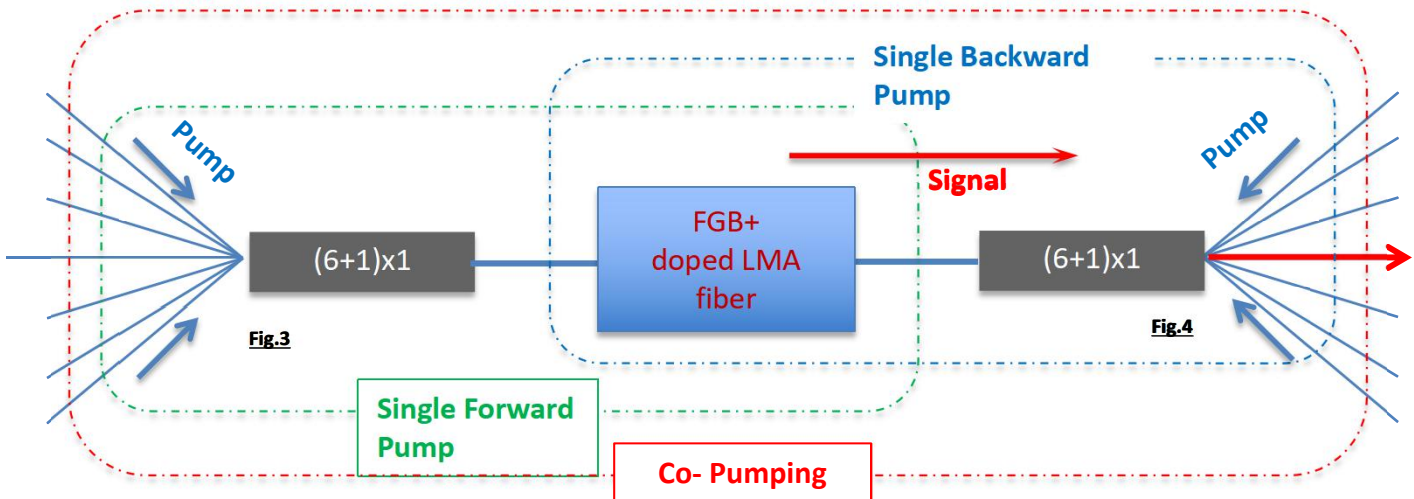
Multimode Pump+Signal Combiner Forward (6+1)×1



There are 3 types of pumping for the industrial fiber laser: single forward pump (fig.3), single backward pump (fig.4) and double pump (fig.3+fig.4), as following diagram shows.

The forward (6+1)×1 combiner combing 6 of pumping power with the input signal power into LMA DCF, and transfer into the signal output fiber, being used directly or co-work with the backward combiner for higher signal output.

The residue power handling request on those 3 types of combiner ARE different, please contact sales for more assistance.



Features:

- Customized Configuration.
- High Pump and Signal Efficiency
- High Power Handling.
- Excellent Stability and Reliability

Applications:

- Fiber Laser
- High Power Fiber Amplifier
- Integrate with QBH as a combo

Multimode Pump+Signal Combiner Forward (6+1)×1

Specifications						
Pump fiber	Signal fiber	Output fiber	Pump efficiency	Signal IL	Power/pump leg	Signal power
105/125 0.15 105/125 0.22 106.5/125 0.22	x/125 SC or DC x=6, 8, 10, 15, 20 etc.	x/125 DC	93%	Red Pilot:Customized MOPA:0.7dB or Customized	70W	Red Pilot:/ Seed:50W
		x/250 DC X=12, 14, 25, 30 etc.	95%		70W~100W	Red Pilo:/ Seed:50W
135/155 0.22	x/125 SC or DC x/155 SC or DC	x/250 DC X=12, 14, 25, 30 etc.	95%		100-200W	Red Pilot:/ Seed:50W
200/220 0.22 220/242 0.22	x/125 x/250 X=10, 20, 25 etc.	20/400 DC 25/400 DC Etc.	97%	Red Pilo:2dB MOPA:0.7dB or Customized	300~800W	200~1KW or Customized
Core Size>220um 0.22	Customized	X/Y DC X=25, 30 etc. Y > 400um	97%	MOPA:0.3dB	300~800W	

Remark:

There are more than 200 types of (6+1)×1 type Combiner, it can be customized.

The parameters listed above are just for reference, the detail spec depends on customer's application.

For HP products customized package needed, please contactd sales for package info.

Ordering Information:

Please describe your pump combiner struture, like: Single-Pump,

Forward (6+1)*1, 135/155+20/130DC=>14/250 DC, 200W/leg,97%, 2db IL, red pilot, backward residual power 300W.

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