



ALPhANOV supplies both standard and custom-made high brightness combiners in the kWatt regime.

Custom-made high brightness combiners can be designed and made on-demand to meet a wide range of configurations with various input and output fibers.



Typical specifications:

Optical specifications	
Signal operating wavelengths	1020-1100nm
Pump operating wavelengths	800-1000nm
Number of multimode inputs	6
Number of signal input	1

Transmission	
Signal transmission	>90%
Pump fiber transmission	NA=0.15
	>98%
Power per multimode input Total power	NA=0.2
	>94.5%
	500W 3kW

Fibers	
Signal input fibers (core/clad diameter)	10/125μm NA=0.08/0.46
Pump input fiber (core/clad diameter)	200/240μm NA=0.22
Output fiber (core/clad diameter)	20/400 NA=0.065/0.46

Package dimension (in mm): 115mm x 16mm x 9mm