

Multimode Fiber High Power Combiners



Product Features

- High Coupling Efficiency
- All Fiber Construction
- Wide Bandwidth
- High Power Handling

Product Applications

- High Power All-Fiber Lasers
- High Power All-Fiber Amplifiers
- Medical
- Defense

Specifications

Parameter			Unit	
Port Configuration			2x1 or 3x1 or 4x1	5x1 or 6x1 or 7x1
Pump Input Wavelength Range			nm	
			800-1000	
Input fiber type 1	Core / Cladding Diameter		um	
			105 / 125	
Input fiber type 2	Numerical Aperture			
			0.15	
Input fiber type 2	Core / Cladding Diameter		um	
			105 / 125	
Output fiber type 1	Numerical Aperture			
			0.22	
Output fiber type 2	Core / Cladding Diameter		um	
			125	
Output fiber type 2	Numerical Aperture			
			0.46	
Output fiber type 3	Core / Cladding Diameter		um	
			200/230	
Output fiber type 3	Numerical Aperture			
			0.22	
Output fiber type 3	Core / Cladding Diameter		um	
			20 / 400	
Output fiber type 3	Numerical Aperture			
			0.06 / 0.46	
Transfer Efficiency	Min.	%	95	90
Return Loss	Min.	dB	40	
Operating Power Per Input Channel	Max.	W	5	
Operating Temperature			°C	
			-5 to +75	
Storage Temperature			°C	
			-50 to +85	
Package Type			mm	S6 S11

Ordering Information

M	P	C	M	M	O						
						Structure	Package	Input Fiber Type	Output Fiber Type	Fiber Length	Connector
						20= 2x1 30= 3x1 40= 4x1 50= 5x1 60= 6x1 70= 7x1	5=S6 A=S11	1 2	1 2 3	0=0.5m 1=0.75m 2=1.0m	0=None

Note: 1. Central Wavelength can be customized for different applications.
2. All specifications are subject to change without notice.