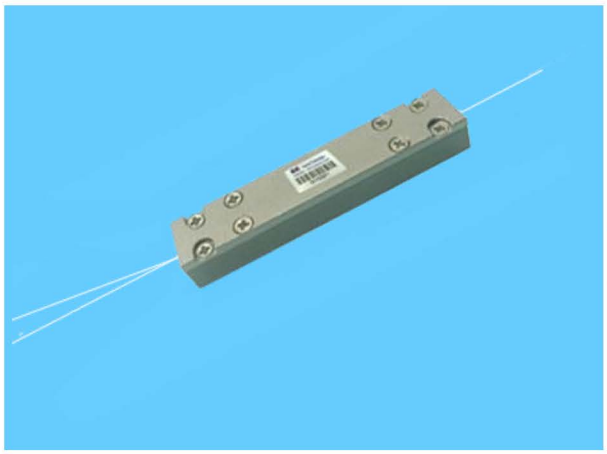
2×1 Multimode Pump Combiners



Product Features

- High Power Coupling Efficiency
- Wavelength Insensitive
- High Power Handling
- Custom Configurations Available

Product Features

- High Power All-Fiber Lasers
- Fiber Laser Combination
- kW Class Fiber Laser
- Industrial & Research

Specifications

Parameter		Unit	Values				
Port Configuration		/	2×1				
Pump Input Wavelength Range		nm	800~1000				
Transfer Efficiency	Typ.	%	93				
Transfer Efficiency	Min.	%	85				
Operating Power Per Input Channel	Max.	W	5	10	25	50	100
Operating Temperature		℃	-5~+75				
Storage Temperature		℃	-50~+85				
Package Size		mm	S11=Ø4x60	M13=65×12×7.4	M14=100×15×10		

General Configuration for 2×1 Combiner

Configuration	Wavelength (nm)	Input Fiber Type	Output Fiber Type	Transfer Efficiency
2×1	800~1000	105/125 0.22	200/220 0.22	93%
2×1	800~1000	105/125 0.22	X/125 DCF	93%
2×1	800~1000	200/220 0.22	X/125 DCF	93%
2×1	800~1000	200/220 0.22	400/440 0.22	93%

Ordering Information

M	P	C	0	2								
					Operating Power	Input Fiber	Output Fiber	Package	Fiber Length	Connector
					005=5W 010=10W 025=25W 050=50W 100=100W S00=Specify	1=105/125 0.22; 2=200/220 0.22; S=Specify	2=200/220 0.22; 3=X/125 DCF; 4=400/440 0.22; S=Specify	A=S11; P=M13; Q=M14; S=Specify	0=0.5m 1=0.75m 2=1.0m 3=1.5m 4=2.0m S=specify	0=None

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

COMCORE