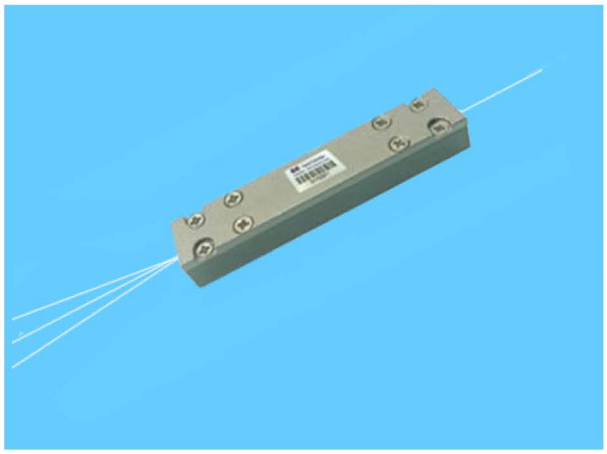
# 3×1 Multimode Pump Combiners



## 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 | | / | 3×1 | | | | |
| 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 3×1 Combiner

| Configuration | Wavelength (nm) | Input Fiber Type | Output Fiber Type | Transfer Efficiency |
|---|---|---|---|---|
| 3×1 | 800~1000 | 105/125 0.22 | 200/220 0.22 | 93% |
| 3×1 | 800~1000 | 105/125 0.22 | 125 0.46 | 93% |
| 3×1 | 800~1000 | 105/125 0.22 | X/125 DCF | 93% |
| 3×1 | 800~1000 | 200/220 0.22 | X/125 DCF | 93% |
| 3×1 | 800~1000 | 200/220 0.22 | 400/440 0.22 | 93% |

## Ordering Information

| M | P | C | 0 | 3 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Operating Power | Input Fiber | Output Fiber | Package | Fiber Length | Connector |
| | | | | | 005=5W<br>010=10W<br>025=25W<br>050=50W<br>100=100W<br>S00=Specify | 1=105/125 0.22;<br>2=200/220 0.22;<br>S=Specify | 2=200/220 0.22;<br>3=X/125 DCF;<br>4=400/440 0.22;<br>5=125 0.46;<br>S=Specify | A=S11;<br>P=M13;<br>Q=M14;<br>S=Specify | 0=0.5m<br>1=0.75m<br>2=1.0m<br>3=1.5m<br>4=2.0m<br>S=specify | 0=None |

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

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