

MPC(2+1)×1 Pump Combiner

Features

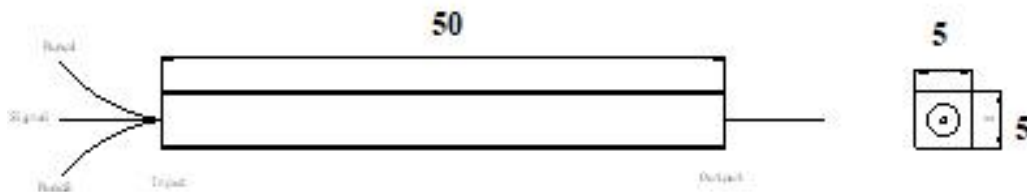
Low insertion loss
High Pump Efficiency
stability and reliability

Application:

Continuous Wave Fiber Laser
High-Power Laser Equipment
Experimental tests and other areas

| Description | Parameter | Unit | Note |
|-------------------------|--------------------|------|------|
| Type | MPC-(2+1)x1 | | |
| Direction | Forward | | |
| Pump Wavelength | 976 | nm | |
| Signal Wavelength | 1550 | nm | |
| Pump Fiber | 105/125-0.22NA | μm | |
| Signal Fiber | Nufern-SM-GDF-1550 | μm | |
| Output Fiber | Nufern-SM-GDF-1550 | μm | |
| Signal Insertion Loss | 0.3 | dB | |
| Transmission Efficiency | 92 | % | |
| M2 | 1.2 | | |
| PER | - | dB | |
| Each port Power | 10 | W | |
| Operating Temperature | -5-+70 | °C | |
| Storage Temperature | -40-+85 | °C | |
| Fiber Length | 2.0 | m | |
| Operating Humidity | 5-95 | %RH | |
| Dimensions | 50*5*5 | mm | |

Mechanical Dimension



Ordering Information

GCMPC-(2+1)X1-1-2-3-4-5-6-7-8-9

| | | |
|---|----------------------------|------------------------------------|
| 1 | Pump Propagation Direction | B - Backward F - Forward |
| 2 | Pump Wavelength | 976 - 976nm Other - Specify |
| 3 | Signal Wavelength | 1030 - 1030nm Other - Specify |
| 4 | Pump Fiber Type | MM-S105/125-0.22NA Other - Specify |
| 5 | Signal Fiber Type | PLMA-GDF-14/125 Other - Specify |
| 6 | Output Fiber Type | PLMA-GDF-14/125 Other - Specify |
| 7 | Each port Power | 400W - 400 W power |
| 8 | Package Type | 70(L) x12(W) x8(H) Other - Specify |
| 9 | Fiber Length | 1 m- 1meter Other - Specify |