

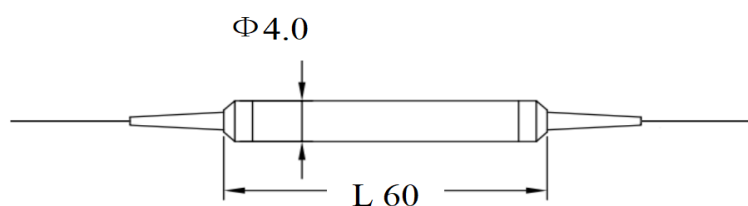
**MPC- (2+1) x1 Pump Combiner****Features**

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             | Backward               |      |      |
| Pump Wavelength       | 976                    | nm   |      |
| Signal Wavelength     | 1064                   | nm   |      |
| Pump Fiber            | MM-105/125-0.22NA      | μm   |      |
| Signal Fiber          | 脊芯-20/125-0.075/0.46NA | μm   |      |
| Output Fiber          | 脊芯-20/125-0.075/0.46NA | μm   |      |
| Signal Insertion Loss | 0.35                   | dB   |      |
| Pump Efficiency       | 92                     | %    |      |
| M2                    | 1.2                    |      |      |
| PER                   | -                      | dB   |      |
| Each port Power       | 9                      | W    |      |
| Operating Temperature | -5-+70                 | °C   |      |
| Storage Temperature   | -40-+85                | °C   |      |
| Fiber Length          | 1                      | m    |      |
| Operating Humidity    | 5-95                   | %RH  |      |
| Dimensions            | Ø 4x60                 | 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        |