

## MPC(2+1)×1 Pump Combiner

### Features

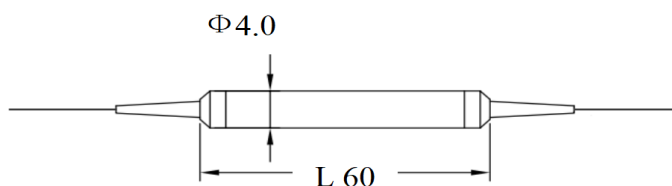
Low insertion loss  
High Pump Efficiency  
stability and reliability

### 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     | 1064                                | nm   |      |
| Pump Fiber            | MM-105/125-0.22NA                   | μm   |      |
| Signal Fiber          | Liekki-Passive-12/125DC-0.08/0.48NA | μm   |      |
| Output Fiber          | Liekki-Passive-12/125DC-0.08/0.48NA | μm   |      |
| Signal Insertion Loss | 0.5                                 | dB   |      |
| Pump Efficiency       | 90                                  | %    |      |
| M2                    | 1.2                                 |      |      |
| PER                   | -                                   | dB   |      |
| Each port Power       | 9                                   | W    |      |
| Operating Temperature | -5-+70                              | °C   |      |
| Storage Temperature   | -40-+8                              | °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        |