

## Polarization Beam Coupler

**Features:**

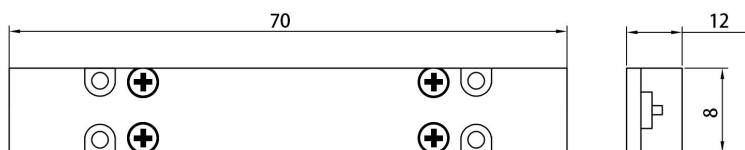
Low insertion loss  
High Efficiency  
stability and reliability

**Application:**

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

| Parameter             | Value                                | Unit | Note |
|-----------------------|--------------------------------------|------|------|
| Center wavelength     | 1064                                 | nm   |      |
| Operating bandwidth   | -                                    | nm   |      |
| Configuration         | 2x2                                  | -    |      |
| Coupling ratio        | 1/99                                 | -    |      |
| IL                    | $\leq 0.5/22$                        | dB   |      |
| ER                    | $\geq 20$                            | dB   |      |
| Directivity(dB)       | $\geq 50$                            | dB   |      |
| Power Handling        | $5W \leq \text{Power} \leq 20W$      | W    |      |
| Package               | 70x12x8                              | mm   |      |
| Fiber type            | Nufern-FUD-3460-PM-10/125-SCF-0.08NA |      |      |
| Operating Temperature | -5~75                                | °C   |      |
| Storage Temperature   | -40~85                               | °C   |      |
| Pigtail type          | 250um bare fiber                     | -    |      |
| Fiber Length          | $\geq 1.5m$                          | m    |      |

### Mechanical Dimension



### Ordering Information

GCPMC-X-2x2-1064-1/99-1-70x12x8-0.3m(for  $5W \leq \text{Power} \leq 20W$ )