

## Signal Power Combiner

### Features

Low insertion loss  
High Efficiency  
stability and reliability

### Application

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

| Description                   |        | Parameter                            | Unit | Note        |
|-------------------------------|--------|--------------------------------------|------|-------------|
| Type                          |        | SPC-7×1                              | -    |             |
| Signal Operating Wavelength   |        | 1080                                 | nm   |             |
| Input Fiber                   |        | Nufern-LMA-GDF-20/400-0.06/0.46NA    | μm   |             |
| Output Fiber                  |        | Nufern-FUD-4419-BD-S100/120/360-22FA | μm   |             |
| Signal Insertion Loss         |        | -                                    | dB   |             |
| Transmission Efficiency       |        | 98                                   | %    |             |
| Power Handling                | Input  | 2000                                 | W    |             |
|                               | Output | 14000                                | W    |             |
| M <sup>2</sup>                |        | 6                                    | -    |             |
| ER                            |        | -                                    | dB   |             |
| Operating Temperature         |        | -5-+70                               | °C   |             |
| Storage Temperature           |        | -40-+85                              | °C   |             |
| Fiber Type(Input/Output port) |        | Bare fiber                           | -    |             |
| Fiber Length                  |        | ≥2.0                                 | m    | Input port  |
|                               |        | ≥2.0                                 | m    | Output port |
| Dimensions                    |        | 170x43x31                            | mm   |             |

### Mechanical Dimension



### Ordering Information

#### GCSPC-7×1-1-2-3-4-5-6-7

|   |                             |                                                         |
|---|-----------------------------|---------------------------------------------------------|
| 1 | Signal Operating Wavelength | 1064nm Other - Specify                                  |
| 2 | Input Fiber                 | Nufern-LMA-GDF-20/400-0.06/0.46NA                       |
| 3 | Output Fiber                | Nufern-FUD-4419-BD-S100/120/360-22FA<br>Other - Specify |
| 4 | Power Handling              | 2000 power                                              |
| 5 | Package Type                | 170x43x31 Other - Specify                               |
| 6 | Fiber Length                | 1 m- 1meter Other - Specify                             |