

kW (6+1)×1 Multimode Pump & Signal Combiner (GK-MMPC Series)

● Description

- Pump Combiner with Signal Feedthrough

● Key Features

- High Coupling Efficiency
- High Signal Transfer Efficiency
- Wide Wavelength Range
- Proprietary Pull and Package Technique
- Custom Configurations Available

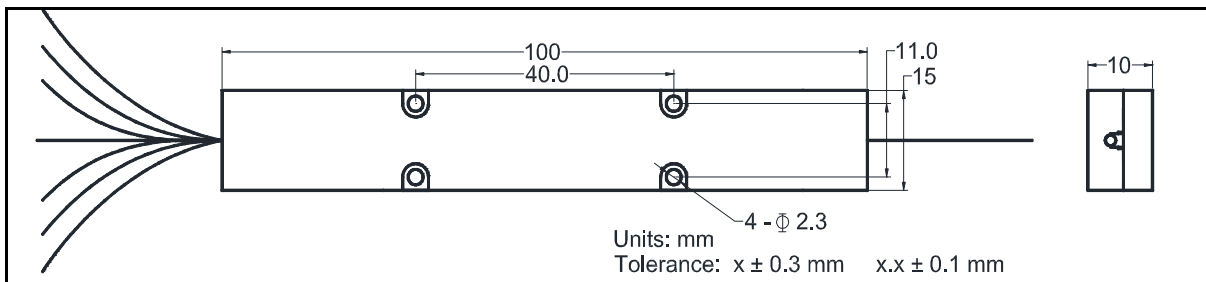
● Applications

Fiber Laser and Amplifiers

● Specifications

| Parameter | Unit | Value |
|---------------------------------------|------|--|
| Product Type | - | (6+1)×1 |
| Pump Wavelength Range | nm | 900 - 1000 |
| Signal Wavelength Range | nm | 632 |
| Fiber Type for Input (Pump Channel) | - | Nufern 200/220 (0.22NA) or 220/242(0.22 NA) |
| Fiber Type for Input (Signal Channel) | - | 25/250 or 30/250 DC, NA = 0.06/0.46 |
| Fiber Type for Output | - | 20/400 DC, NA = 0.06/0.46 |
| Max. Input Pump Power | W | 6 × 200 |
| Signal Channel Insertion Loss | dB | < 1dB |
| Typ. Pump Efficiency | % | 97 |
| Min. Pump Efficiency | % | 95 |
| Package Dimensions | mm | 100 (L) × 15 (W) × 10 (H) |
| Operating Temperature | ℃ | - 5 to + 65 |
| Storage Temperature | ℃ | - 40 to + 85 |

● Package Dimensions



● Ordering Information

GK-MMPC-(6+1)×1-①-②-③-④-⑤-⑥

①: Signal Wavelength

1 - 632 nm

S - Specify

②: Pump Wavelength

915 - 915 nm

976 - 976 nm

SSS - Specify

③: Fiber Type for Pump Input

1 - 200/220 (0.22 NA)

2 - 220/242 (0.22 NA)

S - Specify

④: Fiber Type for Signal Input

25 - 25/250DC NA = 0.06/0.46

30 - 30/250 DC, NA = 0.06/0.46

SS - Specify

⑤: Fiber Type for Output

20 - 20/400 DC, NA = 0.06/0.46

SS - Specify

⑥: Fiber Length

Q - 0.75 m

S - Specify