

kW (6+1)x1 Multimode Pump & Signal Combiner (MMPC Series)

Rev 11

Features

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

Applications

- Fiber Laser and Amplifiers

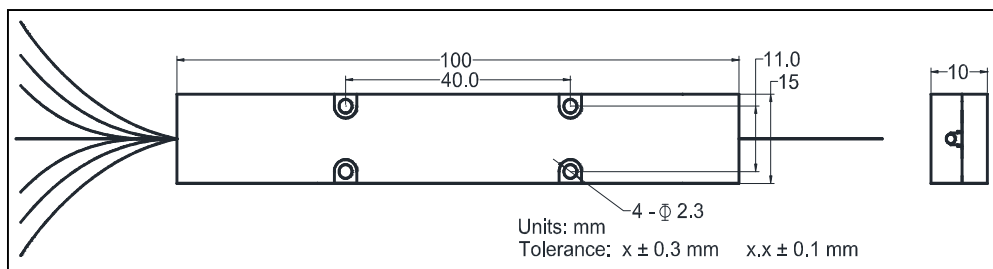
Description

- Pump Combiner with Signal Feedthrough

Specifications

Parameter	Unit	Value
Product Type	-	(6+1)x1
Pump Wavelength Range	nm	900 - 1000
Signal Wavelength Range		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 x 200
Signal Channel Insertion Loss	dB	< 1dB
Typ. Pump Efficiency	%	97
Min. Pump Efficiency	%	95
Package Dimensions	mm	100 (L) x 15 (W) x 10 (H)
Operating Temperature	°C	- 5 to + 65
Storage Temperature	°C	- 40 to + 85

Package Dimensions



Ordering Information

MMPC-(6+1)x1-①-②②②-③-④④-⑤⑤-⑥

①: Signal Wavelength

1 - 632 nm

S - Specify

②②②: 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

④④: Fiber Type for Signal Input

25 - 25/250DC NA = 0.06/0.46

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

SS - Specify

⑤⑤: Fiber Type for Output

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

SS - Specify

⑥: Fiber Length

Q - 0.75 m

S - Specify