

## 2000nm PM Mode Field Adapter for Pulse Power

### FEATURES

- High Input Optical Power
- Low Insertion Loss
- Epoxy-Free Optical Path
- High Reliability and Stability
- Low Profile Packaging

### APPLICATIONS

- Fiber Laser
- Optical Amplifier
- High Power Laser
- Laser Source
- Test Equipment

### SPECIFICATIONS

Parameter	Unit	Value
Signal Wavelength	nm	1900, 1950, 2000, 2050
Pump Wavelength	nm	None or 793, 808, 830, 915, 950, 975, 980, 1550
Fiber Type	-	PM1550 Fiber(S), PM1950 Fiber(V), 10/130um NA=0.15(O), 25/400um NA=0.09(R4), or specified by customer
Signal Insertion Loss	dB	≤0.7
Extinction Ratio	dB	≥16
Max. Signal Average Optical Power	W	10, 20, 30, 50, 100
Max. Peak Power for Pulse	kW	0.1, 1, 2, 3, 5, 10, 20, 50, 100
Max. Cladding Average Power	W	1, 2, 3, 5, 10, 20, 30, 50
Cladding Power Mode	-	Transmitted or Stripped
Operating Temperature	°C	0~50
Storage Temperature	°C	-40~85
Package Dimension	mm	A: 65 <sup>L</sup> x12 <sup>W</sup> x8.6 <sup>H</sup> , B: 100 <sup>L</sup> x12 <sup>W</sup> x10 <sup>H</sup>
		C: 70 <sup>L</sup> x12 <sup>W</sup> x8 <sup>H</sup> , D: 100 <sup>L</sup> x15 <sup>W</sup> x10 <sup>H</sup>
		F: 50 <sup>L</sup> x5 <sup>W</sup> x5 <sup>H</sup>

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
  2. To add connectors, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.
  3. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
  4. Devices for higher optical power or with other type fiber or consigned fiber are also available.
  5. Package size may be different for different fiber type, optical power and configuration.

### ORDERING INFORMATION (PN)

PMFP-NNNN	-C	H	NN	P	NN	-(NN)	(C)	(NN)	-C	C	C	NN	-CC/CCC
Signal Wavelength	Package	Average Power	Peak Power	Pump WL	Clad Mode	Clad Power	Input Fiber Type	Output Fiber Type	Fiber Sleeve	Fiber Length	Connector Type		
1900-1900nm	A-A Type	10-10W	01-100W	79-793nm	T-Transmitted	10-10W	S-PM1550 Fiber	S-PM1550 Fiber	B- Bare Fiber	05-0.5m	N-Without Connector		
1950-1950nm	B-B Type	20-20W	1-1kW	97-975nm	S-Stripped	20-20W	V-PM1950 Fiber	V-PM1950 Fiber		10-1.0m	FC/APC-FC/APC Connector		
2000-2000nm	C-C Type	30-30W	10-10kW	15-1550nm	Blank for None	30-30W	O-10/130PMDC Fiber	O-10/130PMDC Fiber		15-1.5m	SC/PC-SC/PC Connector		
2050-2050nm	D-D Type	100-100W	20-20kW	Blank for None	Blank for None	Blank for None	R4-25/400PMDC Fiber	R4-25/400PMDC Fiber		20-2.0m	LC/UPC-LC/UPC Connector		