

2000nm 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	-	SMF-28 Fiber(S), SM1950 Fiber(V), 10/130um NA=0.15(O), 25/250um NA=0.09(R), 25/400um NA=0.09(R4), or specified by customer
Signal Insertion Loss	dB	≤0.7
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 ^L x12 ^W x8.6 ^H , B: 100 ^L x12 ^W x10 ^H C: 70 ^L x12 ^W x8 ^H , D: 100 ^L x15 ^W x10 ^H F: 50 ^L x5 ^W x5 ^H

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

ORDERING INFORMATION (PN)

PMFA-NNNN -C H NN P NN -(NN) (C) (NN) - C C C NN -CC/CCC

Signal Wavelength	Package	Signal 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-Transmitte	10-10W	S-SMF-28 Fiber	S-SMF-28 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-SM1950 Fiber	V-SM1950 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-10/130 DC Fiber	O-10/130 DC Fiber		15-1.5m	SC/PC - SC/PC Connector
2050-2050nm	D-D Type	100-100W	20-20kW	Blank for None		Blank for None	R-25/250 DC Fiber	R-25/250 DC Fiber		20-2.0m	LC/UPC-LC/UPC Connector
							R4=25/400 DC Fiber	R4=25/400 DC Fiber			