

1020~1150nm 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	1020, 1030, 1040, 1053, 1064, 1070, 1080, 1092, 1103, 1120, 1150
Pump Wavelength	nm	915, 950, 975, 980
Fiber Type	-	HI1060 Fiber(H), 6/125um NA=0.14(N), 5/130um NA=0.12(N1), 10/125um NA=0.075(O), 15/130um NA=0.075(W), 20/130um NA=0.075(Q), 25/250um NA=0.065(R), 25/400um NA=0.065(R1), 30/250um NA=0.06(R2), 30/400um NA=0.06(R3) 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. Average Cladding 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:**
1. Specifications are for device without connectors; Specifications may change without notice.
 2. To add connectors, IL is 0.5dB 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)

PMFA-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
1030-1030nm	A-A Type	10-10W	01-100W	91-915nm	T-Transmitte	10-10W	H-HI1060 Fiber	0-10/125 DC Fiber	B- Bare Fiber	05-0.5m	N-Without Connector
1064-1064nm	B-B Type	20-20W	1-1kW	97-975nm	S-Stripped	20-20W	N-6/125 DC Fiber	Q-20/125 DC Fiber		10-1.0m	FC/APC- FC/APC Connector
1103-1103nm	C-C Type	30-30W	10-10kW	95-950nm	Blank for None	30-30W	0-10/125 DC Fiber	R-25/250 DC Fiber		15-1.5m	SC/PC- SC/PC Connector
1150-1150nm	D-D Type	100-100W	20-20kW	Blank for None		Blank for None	Q-20/125 DC Fiber	N1-5/130 DC Fiber		20-2.0m	LC/UPC- LC/UPC Connector
											R1-25/400 DC Fiber