

## C or L Band Mode Field Adapter

### 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	1530~1580, 1570~1610
Pump Wavelength	nm	None or 915, 950, 975, 980, 1480
Fiber Type	-	SMF-28 Fiber(S), 8/125um NA=0.12(M), 6/125um NA=0.18(M1), 10/130um NA=0.075(O), 12/130um NA=0.2(T), 15/130um NA=0.075(W), 20/130um NA=0.075(Q), 25/250um NA=0.065(R), 25/300um NA=0.09(G), 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 Optical Power (CW)	W	10, 20, 30, 50, 100
Max. Cladding Optical Power (CW)	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> ×12 <sup>W</sup> ×8.6 <sup>H</sup> , B: 100 <sup>L</sup> ×12 <sup>W</sup> ×10 <sup>H</sup>
		C: 70 <sup>L</sup> ×12 <sup>W</sup> ×8 <sup>H</sup> , D: 100 <sup>L</sup> ×15 <sup>W</sup> ×10 <sup>H</sup>
		F: 50 <sup>L</sup> ×5 <sup>W</sup> ×5 <sup>H</sup>

- 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 NN - (NN) (C) (NN) - C C C NN -CC/CCC

Signal Wavelength	Package	Signal Power	Pump WL	Clad Mode	Clad Power	Input Fiber Type	Output Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
1550-1550nm	A=A Type	10-10W	91- 915nm	T=Transmitte	10-10W	S=SMF-28Fiber	O=10/130 DC Fiber	B= Bare Fiber	05-0.5m	N=Without Connector
1590-1590nm	B=B Type	20-20W	98-980nm	S=Stripped	20-20W	M=8/125 DC Fiber	Q=20/130 DC Fiber		10-1.0m	FC/APC= FC/APC Connector
	C=C Type	30-30W	14-1480nm	Blank for None	30-30W	O=10/130 DC Fiber	G=25/300 DC Fiber		15-1.5m	SC/PC = SC/PC Connector
	D=D Type	100-100W	Blank for None	Blank for None	Blank for None	R=25/250 DC Fiber	R1=25/400 DC Fiber		20-2.0m	LC/UPC=LC/UPC Connector
						R1=25/400 DC Fiber	M1=6/125 DC Fiber			