

C or L Band 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	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 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 15 ^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
1550~1550nm	A-A Type	10~10W	01~100W	91~915nm	T-Transmitte	10~10W	S-SMF-28Fiber	0=10/130 DC Fiber	B= Bare Fiber	05=0.5m	N=Without Connector
1590~1590nm	B-B Type	20~20W	1~1kW	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	10~10kW	14~1480nm	Blank for None	30~30W	0=10/130 DC Fiber	G=25/300 DC Fiber		15=1.5m	SC/PC = SC/PC Connector
	D-D Type	100~100W	20~20kW	Blank for None		Blank for None	R=25/250 DC Fiber R1=25/400 DC Fiber R1=25/400 DC Fiber	R1=25/400 DC Fiber M1=6/125 DC Fiber		20=2.0m	LC/UPC=LC/UPC Connector