

C or L Band 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	1530~1580, 1570~1610
Pump Wavelength	nm	None or 915, 950, 975, 980, 1480
Fiber Type	-	PM1550 Fiber(S), 8/125um NA=0.12(M), 6/125um NA=0.18(M1), 10/125um 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
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 ^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)

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
1550-1550nm	A-A Type	10-10W	01-100W	91-915nm	T-Transmitte	10-10W	S-PM1550 Fiber	O-10/125PMDC 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-8/125PMDC Fiber	Q-20/130PMDC Fiber		10-1.0m	FC/APC= FC/APC Connector
	C-C Type	30-30W	10-10kW	14-1480nm	Blank for None	30-30W	O-10/125PMDC Fiber	G-25/300PMDC Fiber		15-1.5m	SC/PC = SC/PC Connector
	D-D Type	100-100W	20-20kW	Blank for None		Blank for None	R-25/250PMDC Fiber	R1-25/400PMDC Fiber		20-2.0m	LC/UPC=LC/UPC Connector
							R1-25/400PMDC Fiber	M1-6/125PMDC Fiber			