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: 1. Specifications are for device without connectors; Specifications may change without notice.
2. To add connectors, IL is 0.3dB 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)

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	0=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	0=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			