1020~1150nm PM 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	1020, 1030, 1040, 1053, 1064, 1070, 1080, 1092, 1103, 1120, 1150
Pump Wavelength	nm	915, 950, 975, 980
Fiber Type	-	PM980 Fiber(H), PM1060L Fiber(E), 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
Extinction Ratio	dB	≥16
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, 100, 150, 200
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)

PMFP-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*
1030=1030nm	A=A Type	10=10W	91= 915nm	T=Transmitte	10=10W	H=PM980 Fiber	O=10/125PMDC Fiber	B= Bare Fiber	05=0.5m	N=Without Connector
1064=1064nm	B=B Type	20=20W	97=975nm	S=Stripped	20=20W	N=6/125PMDC Fiber	Q=20/125PMDC Fiber		10=1.0m	FC/APC= FC/APC Connector
1103=1103nm	C=C Type	30=30W	95=950nm	*Blank* for None	30=30W	O=10/125PMDC Fiber	R=25/250PMDC Fiber		15=1.5m	SC/PC = SC/PC Connector
1150=1150nm	D=D Type	100=100W	*Blank* for None		*Blank* for None	Q=20/125PMDC Fiber	N1=5/130PMDC Fiber		20=2.0m	LC/UPC=LC/UPC Connector
						R1=25/400PMDC Fiber				