

## 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 <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 0.5dB 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)

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-Transmitted	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	Blank for None	Q=20/125PMDC Fiber	NI=5/130PMDC Fiber		20=2.0m	LC/UPC= LC/UPC Connector
						R1=25/400PMDC Fiber				