# 1020~1150nm PM Cladding Power Stripper

## 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 |
|---|---|---|
| Pump Wavelength Range | nm | 915, 950, 975, 980 |
| Signal Wavelength Range | nm | 1020, 1030, 1040, 1053, 1064, 1070, 1080, 1092, 1103, 1120, 1150 |
| Fiber Type | - | 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 | ≤0.3 |
| Signal Extinction Ratio | dB | ≥16 |
| Max. Stripped Pump Power (CW) | W | 10, 30, 50, 100, 300, 500, 1000 |
| Max. Signal Power (CW) | W | 10, 50, 100, 200, 500, 1000, 2000 |
| Strip Efficiency | % | ≥98 |
| 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: $100^{L}x15^{W}x10^{H}$ |
| | | E: $150^{L}x25^{W}x10^{H}$, F: $100^{L}x42^{W}x17^{H}$ (Water Cool) |

**Note:** 1. Specifications are for device without connectors; Specifications may change without notice.
2. To add connectors, IL is 0.3dB higher, RL is 10dB 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)

**PCTP- NN NN - C NN - (NNN) - C C NN -CC/CCC**

| Pump Wavelength | Signal Wavelength | Package | Pump Power | Signal Power | Fiber Type | Fiber Sleeve | Fiber Length | Connector Type |
|---|---|---|---|---|---|---|---|---|
| 91=915nm | 03=1030nm | A=A Type | 10=10W | 100=100W | O=10/125PMDC Fiber | B=Bare Fiber | 05=0.5m | N=Without Connector |
| 95=950nm | 06=1064nm | B=B Type | 50=50W | 500=500W | Q=20/125PMDC Fiber | | 10=1.0m | FC/APC=FC/APC Connector |
| 97=975nm | 09=1092nm | E=E Type | 100=100W | 1000=1000W | R=25/250PMDC Fiber | | 15=1.5m | SC/PC=SC/PC Connector |
| 98=980nm | 12=1120nm | F=F Type | 1000=1000W | Blank for10W | N1=5/130PMDC Fiber | | 20=2.0m | LC/UPC=LC/UPC Connector |