1020~1150nm Cladding Power Stripper 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
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
Max. Stripped Pump Power	W	10, 30, 50, 100, 300, 500, 1000
Max. Signal Average Power	W	10, 50, 100, 200, 500, 1000, 2000
Max. Peak Power for Pulse	kW	0.1, 1, 2, 3, 5, 10, 15, 20, 50, 100
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.
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)

PCTR- NN NN - C NN -(NNN) P NN - C C NN -CC/CCC

Pump Wavelength	Signal Wavelength	Package	Pump Power	Signal Power	Peak Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
91=915nm	03=1030nm	A=A Type	10=10W	100=100W	01=100W	0=10/125 DC Fiber	B=Bare Fiber	05=0.5m	N=Without Connector
95=950nm	06=1064nm	D=D Type	50=50W	500=500W	1=1kW	Q=20/125 DC Fiber		10=1.0m	FC/APC=FC/APC Connector
97=975nm	09=1092nm	E=E Type	100=100W	1000=1000W	10=10kW	R=25/250 DC Fiber		15=1.5m	SC/PC=SC/PC Connector
98=980nm	12=1120nm	F=F Type	1000=1000W	Blank for10W	100=100kW	N1=5/130 DC Fiber		20=2.0m	LC/UPC=LC/UPC Connector