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Corporation Ltd

# Pump Laser Bench Top

(Wavelength: 980nm, 1480nm)

The Pump Laser Bench Top is designed as a pump source for Erbium-doped fiber amplifier (EDFA) applications, including high power EDFA wavelength division multiplexing and pre-amps broadband CATV networks.

## Types

- 980 nm Pump Lasers
- 1480 nm Pump Lasers



## Applications

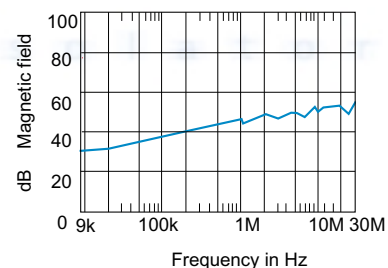
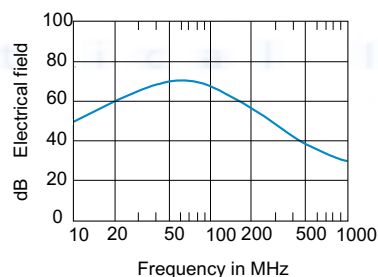
- Fiber amplifiers
- Fiber optic sensors
- EDFA applications
- CATV

## Features

- High power (up to 350mW)
- Broad spectral width
- Overheating warning
- EMC protection

All equipment housing provide effective EMC Protection

Typical attenuation





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## SPECIFICATIONS

### Pump Lasers (980nm)

Parameter	Min.	Typ.	Max.
Output power:	OLPL - 98 - G -	100mW	350mW
Center wavelength		974nm	
Wavelength stability			±0.5nm
Output connector	FC/APC, others on request		
Output fiber	HI980		

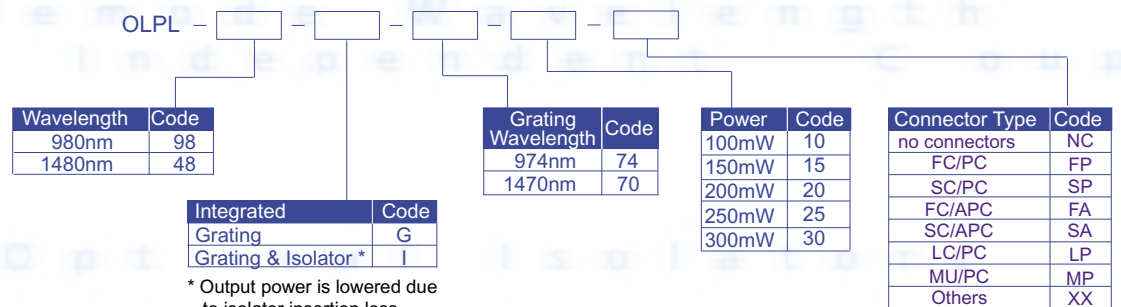
### Pump Lasers (1480nm)

Parameter	Min.	Typ.	Max.
Output power:	OLPL - 48 - I -	120mW	350mW
	OLPL - 48 - G -	140mW	350mW
Center wavelength (OLPL - 48 - I -)	1460nm		1480nm
3dB Spectral width (OLPL - 48 - I -)			8nm
Center wavelength (OLPL - 48 - G -)	1460nm		1490nm
Wavelength stability (OLPL - 48 - G -)			±1.0nm
10dB Spectral width (OLPL - 48 - G -)			4.5nm
Output connector	FC/APC, others on request		
Output fiber	SMF-28/PMF		

-G- version is grating stabilized and -I- version is integrated with isolator.

Environment		User Interface	
Operating temperature range	0 °C to 40 °C	Displays	Optical output power, mW
Storage temperature	-10 °C to 70 °C	Controls	Keylock switch, optical output
Power supply	110/230 V 50/60 Hz	Alarms	Pump overheating warning
		Computer Interface	RS232

## ORDERING CODES



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