1.5µm Tunable PM Fiber Laser

Fiber Laser

Features

- High saturated output power.
- Wide wavelength tenability.
- Linear Polarization.
- No Water cooling.

Applications

- High power seed laser source.
- Component testing.
- Sensing.
- Spectroscopy.

Description

GIP Technology newly released tunable PM fiber laser unit (FLU) operating in C-band is a perfect solution in many important fields.
Using highly reliable fiber optical components, the fiber laser can deliver a wide range of optical output power in continuous wave.

Excellent stability, reliability, and user friendly interface of this model make itself a perfect replacement to the diode pumped solid-state counterpart.

1.5µm Tunable PM Fiber Laser CW Mode

Specifications

Optical Information		Unit	Description
Mode of Operation			CW / Timing control
Tuning wavelength range		nm	1530 ~1560
Line width	Max.	MHz	10
Nominal Output Power	Max.	W	1
Output Power Tunability		%	10 ~100
Output Power Stability *	Max.	dB	±0.3
Beam Quality (M^2)	Typ.		1.1
Polarization extinction ratio		dB	18
Connector			FC/APC, Collimator or Focuser
Electrical Information			
Cooling method			Air
Power supply			100 ~240 Vac, 60/60 Hz
Environmental Information			
Operating temperature		°C	0 ~ 35
Storage temperature		°C	-20 ~ 60
Relative humidity (non-condense)		%	5 ~ 85
Outline Information			
Physical dimension			19" 3-RU

* RMS, over 1h@25°C

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