Opto-Link
Corporation Ltd

SLED Benchtop

(Central Wavelength: 1010nm~1040nm)

Opto-Link's superluminescent light emitting diodes (SLED) light source series cover various choices of wavelength from 1010nm to 1040nm. The equipment features high output power, flat and low rippled spectrum with excellent stability. The light sources have a wide range of applications from fiber optic communications to medical applications.

Applications

- Fiber Amplifiers
- Fiber Optic Sensors
- Components Testing
- Instrumentation
- Fiber Optic Gyroscope
- Fiber Optic Communications
- Optical Coherence Tomography (OCT)
- Biomedical Imaging Device

Features

- High Power (up to 5mW)
- Broad Spectral Width (up to 110nm)
- Overheating Warning
- EMC Protection

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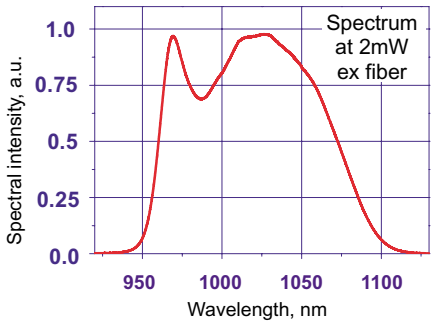
SPECIFICATIONS

Benchtop SLD 1020nm Series

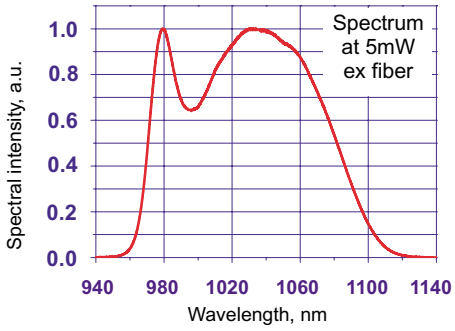
Parameter		MP	HP1
	Min.	1010	1010
Central Wavelength (nm)	Typ.	1025	1025
	Max	1040	1040
Spectrum FWHM (nm)	Typ	110	100
Output Power (mW)	Typ	2	5

(* Typical value is not guaranteed if not specially requested.)

The characteristic of SLD 1020nm MP Series



The characteristic of SLD 1020nm HP Series



Environment		Controls and Monitoring		Output	
Operating temperature range	-10 °C to 70 °C	Displays	Optical output power	Output fiber	SMF
Storage temperature	-30 °C to 70 °C	Controls	Power adjustment, Keylock switch, Optical output power	Output connector	FC/APC
Power supply	110/230 V 50/60 Hz	Alarms	Pump overheating warning	Computer Interface	RS232 (optional)

ORDERING CODES

OLSLD – 02 – [ ]

Power Level	Code
MP	MP
HP1	HP1

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