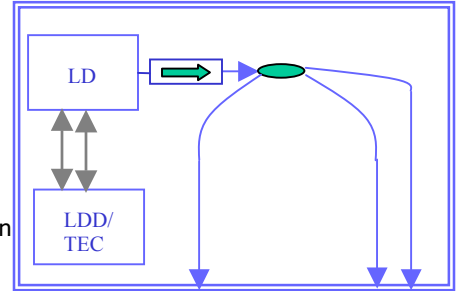


Model: NS-LD01s

14xx nm fiber coupled narrow spectra laser module

Key design features include:

- Single mode fiber coupled
- Narrow spectra, linewidth ~ 0.01 nm
- Side mode suppression ratio >50 dB
- Good wavelength and power stability
- Built-in fiber optical coupler provides multiple optical outputs.
- Integrated with optical isolator, suitable for measurement involving back reflection
- Built-in temperature controller, air-cooling and laser driver. Plug and play



Typical application:

Industrial OEM application and laboratory applications requiring narrow line-width laser with high stability.

Optical schematics

Specifications:

Description	Min	Typical	Max	Unit
Operating wavelength range	1440-1485			nm
Spectral width (BW @ 3dB)	0.05	0.1	0.2	nm
Maximum output power (per output channel)	1	50	80	mW
Side mode suppression ratio	40	50	55	nm
Dimensions	150 × 180 × 50			mm
Output power stability	0.1	0.2	0.5	dB
Number of optical outputs	1	2	2	-
Connector type	FC/APC			
Fiber type	Smf-28/Panda 1550			um

