

LD02BB | LD03BB | LD05BB

Compact broadband single-mode fiber coupled SLED module

Key design features include:

- Single-mode fiber pigtailed with APC connector
- Medium optical power (>1 mW)
- High stability of power and spectra in short and long term
- Low sensitivity to feedback light
- Integrated with TEC and current driver, plug and play
- Available wavelength: ~976 nm (LD05-BB), ~ 1310 nm (LD02-BB) and ~ 1550 nm (LD03-BB)

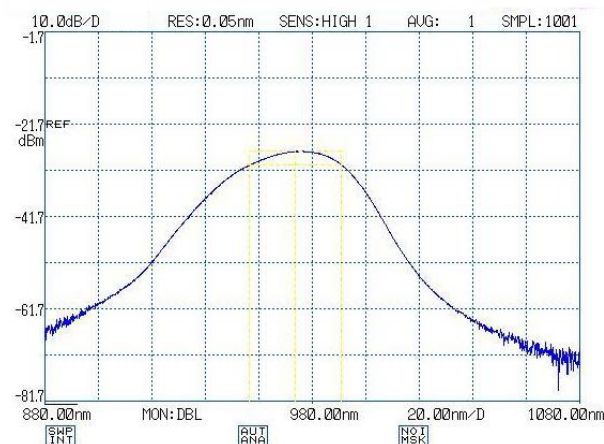


Applications: Optical sensing, O/E devices testing, OCT, inspection, etc.

Preliminary Specifications:

Description	Min	Typical	Max	Unit
Fiber type	HI-1060 or smf 28			
Spectral width (BW @ 3dB)	30	34	38	nm
Output power	0.5	1	2	mW
Output power stability	0.01	0.05	0.1	dB
Connector type	FC/APC			
Operating temperature	10	25	45	°C
Dimensions	220 × 110 × 45			mm

Typical LD-05BB module spectra



Optional devices:

- Transmission/reflection measurements module ODB-6
- Broadband optical splitter ODB-2