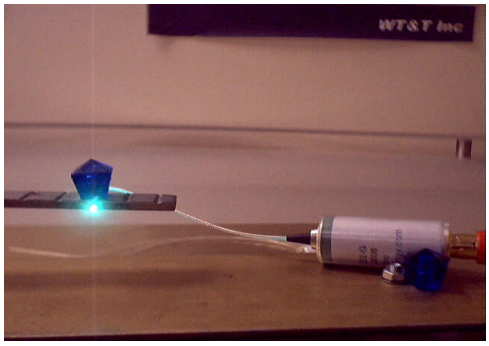
Model: LE2-x Compact multi-mode fiber coupled LED

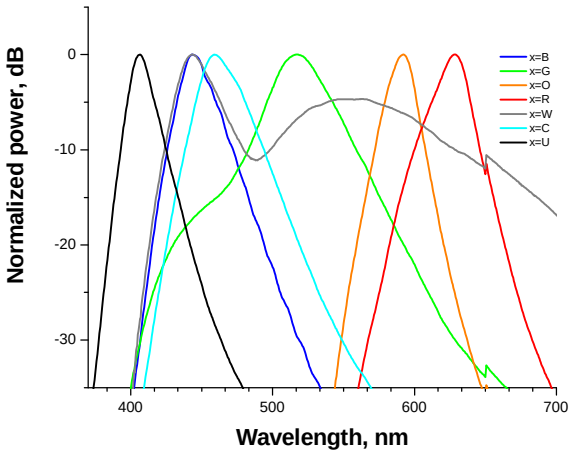
Key features:



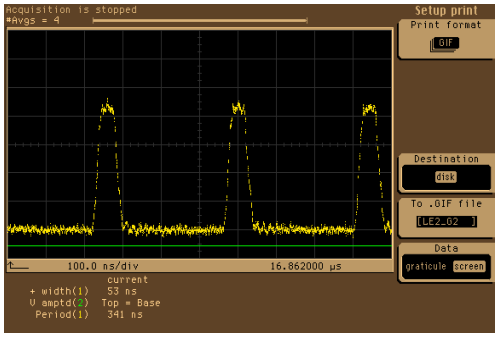
- Multi-mode fiber coupled, 1 mW of typical output power
- Can be directly modulated
- Compact size, plug and play
- Good power and spectral stability
- Robust design, good reliability, low price

LE2-x is a compact, multi-mode fiber-coupled LED source, operating within visible spectra wavelengths, designed for different laboratory and industrial applications such as optical sensing, O/E components testing, OCT, inspection. Fiber-coupled output has typical optical power of 1 mW. LED can be directly modulated (analog/digital) up to 50 MHz.

Description	Min	Typical	Max	Unit
Operating wavelength s	Visible to NIR, "white"			
Spectral width (BW @ 3dB)	30	34	38	nm
Output power	0.5	1	2*	mW
Modulation bandwidth (@3 dB)	10	50	100	MHz
Dimensions	40 x Ø15			mm
Output power stability	0.01	0.05	0.1	dB
Electrical impedance	5	50	75	Ohm
Connector type	no connector; FC/PC; SMA905			
Fiber type	Multimode fiber POF980; length: ~0.6 m			
Operating temperature	10	25	45	°C



Model	Central wavelength, nm
LE-2U	398-406
LE-2B	450-468
LE-2G	515-535
LE-2G1	550-565
LE-2A	585-595
LE-2R	640-660
LE-2W	"white"



Typical modulation trace of digitally-modulated LE2-G

** higher power devices can be manufactured on request*

Optional components:

- Fiber U-bench
- FC/PC or other type optical connector
- Extension patch cords
- FC/APC connectorized broadband fiber-reflector
- Optical fiber collimator

Please contact WT&T sales@wttechnology.com for further details.
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