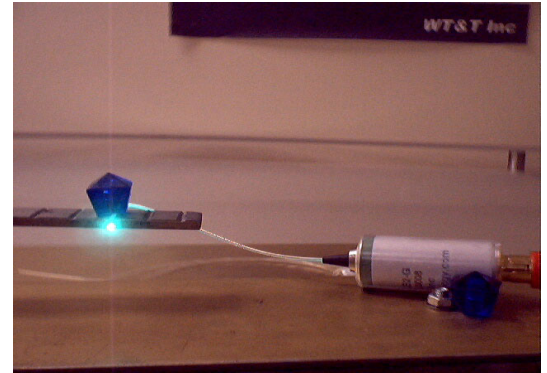


## Model: LE2-x Compact multi-mode fiber coupled LED

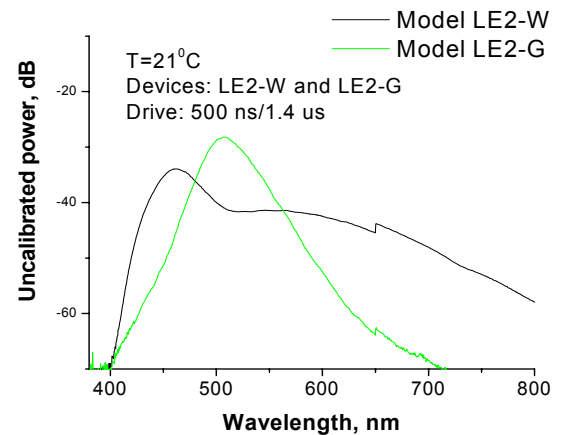
### Key features:

- 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.

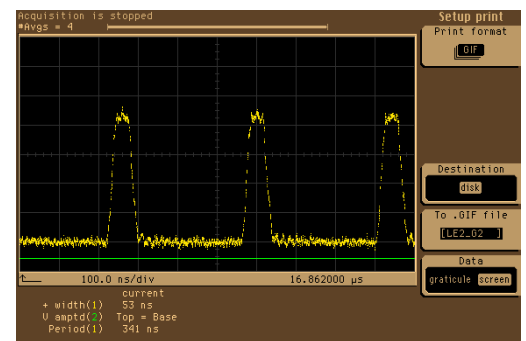
Description	Min	Typical	Max	Unit
Operating wavelength s	Visible to NIR, "white"			
Spectral width (BW @ 3dB)	30	34	38	nm
Output power	0.5	1	2*	mW
Modulation bandwidth (@3 dB)	10	50	100	MHz
Dimensions	40 x Ø15			mm
Output power stability	0.01	0.05	0.1	dB
Electrical impedance	5	50	75	Ohm
Connector type	FC/APC			
Fiber type	Multimode fiber made of plastic or glass, with typical diameter of 900 µm			
Operating temperature	10	25	45	°C



\* 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



Typical modulation trace of digitally-modulated LE2-G source

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

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