



FL-450-5000

Optical characteristics (typ.)	
Central wavelength (nm typ.)	450
Central wavelength tolerance (nm)	± 5
Linewidth (nm typ.)	≤ 5 nm; 2 nm typical
Transverse mode	multi
Output power (mW typ.)	4500
Operation mode	CW / modulated
Power stability (p-p) over 8 hrs within ± 3 °K	<1 % within ± 3 °K
Fiber details	
Fiber Core / NA	105 μm / 0.22 (other on request)
Fiber length	≥ 1 m (other lengths on request)
Connector	SMA905 (other connectors or bare fiber end on request)
Connector ferrule material	Ceramic (stainless steel on request)
Modulation	
MHz	>100
Electrical characteristics	
Threshold current (mA)	425 typ.
Operating current (mA)	4000 max.
Operating voltage (V)	4.5 typ.
General information	
Heat management	18 W heat load at the bottom side of the laser head
Dimensions (mm ³)	50 x 21 x 21
Options	
Attachements	fiber collimator for SMA threaded collimators

