



ULV-445-300



Blue Laser Diode Module

ULV-445-300 is a 445nm blue diode laser module with TTL modulation capability featuring high power, compact size, and low price.

Specifications	
Wavelength	445 ±5 nm
Output Power	> 300 mW
Input Voltage	12 VDC
Operating Mode	CW
Cooling	Integrated Heatsink
Transverse Mode	Near TEM ₀₀
Beam Divergence (full angle)	< 2.0 mrad
Beam Diameter (at the aperture)	~ 2x4 mm
Power Stability (rms/4hrs)	< 3%
Modulation capability	TTL, 20 kHz
Expected Lifetime	5000 hours
Laser Dimensions	65 x 33 x 33 mm
Driver Dimensions	72 x 35 x 28 mm

