Periodically Poled Lithium Niobate Ridge Waveguide Device

PPLN

The periodically poled lithium niobate ridge waveguide converts optical frequency through a nonlinear interaction. The input wavelength and phase-matching conditions determine the required device.



Technical specifications

Conversion type	SHG
Input wavelength (nm)	1560
Second-harmonic wavelength (nm)	780
Pump power (W)	5.5
Output power (W)	2
Input fiber	PM780/No connector
Output fiber	PM1550/No connector
Output polarization state	Linear@vertical axis