

9xxnm CW 20W Fiber Coupled Diode Laser

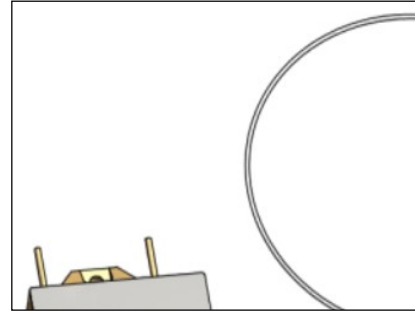
P/N: STHL-9xx-20-50

Features:

- High power
- Long lifetime
- Small fiber core diameter

Applications:

- DSSL Pumping
- Scientific research



		Unit	Typ.
Optical	Output power	W	20
	Central wavelength	nm	915/940/976
	Wavelength deviation	nm	±10
	Spectral width FWHM	nm	≤6
	Polarization		TE
	Wavelength shift	nm/°C	0.30/0.32/0.34
Fiber	Numerical aperture	NA	0.22
	Fiber core	um	50
	Connector		SMA905
	Tube diameter	mm	0.9
	Fiber length	m	1.5
Electrical	Operation current	A	<8.5
	Threshold current	A	<1.1
	Operation voltage	V	<6
	Slope efficiency	W/A	>3
	Conversion efficiency	%	45
Thermal	Operation temp.	°C	15-30
	Recommended thermal dissipation capacity	W	>50

All the parameters were tested in 25 °C temperature, unless otherwise stated.

