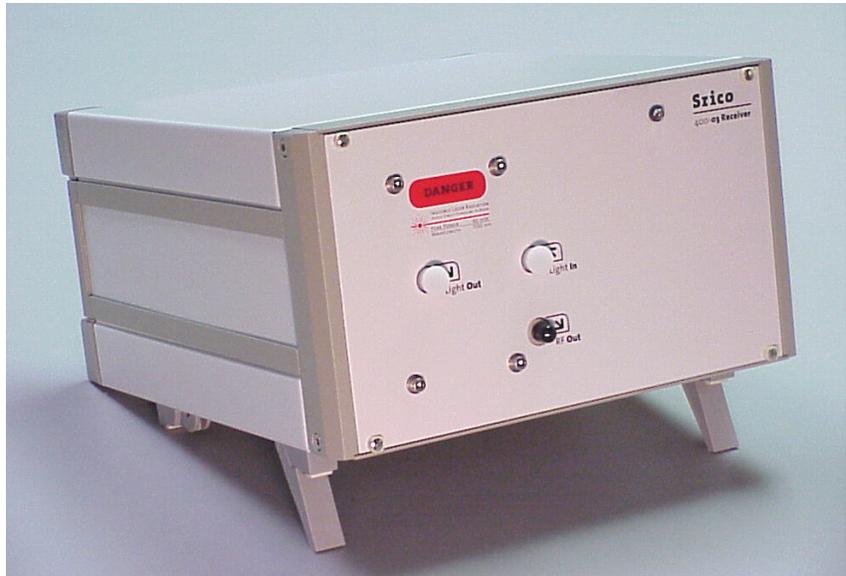




Polarization maintaining fiber coupled DFB laser source
optional optical receiver
Model 500

part number

500-01-yy
yy – specify optical receiver bandwidth
01 – no receiver
02 – 10 GHz
03 – 20 GHz
04 – 40 GHz
05 – 60 GHz



What is so special about it?

Laser source wavelength	1550 nm
Laser output fiber	PM fiber
Laser output fiber connector	FC/APC slow axis alignment
Laser output at fiber connector	+15 dBm (30 mW)
Optical receiver	Optional
Receiver input fiber	SM fiber
Receiver input fiber connector	FC/APC

How does it measure up?

This product offers a compact bench top device for laboratory test purposes.

Includes a high power laser source and an optical receiver in a small footprint.

Ideal for launching light into components that require polarized light source.

Our state-of-the-art system features:

- Low-noise DFB laser (RIN < -160 dB/Hz)
- High output optical power
- Adjustable laser output power 0 to 30 mW
- 30 dB optical isolation
- RF modulation of laser up to 1 MHz
- Laser temperature stabilized using TE cooler
- Low-noise power supply
- Optical receivers available from DC to 60 GHz
- Suitable for digital and analog applications