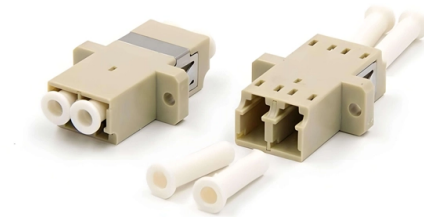


Dutch laser ranging diode module



Overview

DLEM laser rangefinder modules measure distances up to 5 000 meters fast and with an absolute accuracy of better than one meter. Reliable measurement is warranted within a wide operational temperature range and even under low visibility conditions (fog, rain, snow). (ELR) is manufacturer of short, medium and long range (multi) sensor solutions with visual cameras, thermal cameras, laser range finders and/or search lights. ELR offers state- of-the-art cameras with superior sensors, setting high standards in the market for Detection. Laser Diodes and Modules are semiconductor devices that can emit a beam of high intensity focused radiation, typically in the infrared, visible or ultraviolet wavelength ranges of the electromagnetic spectrum, coherently (light waves of the same wavelength, phase and direction). With power ranges. This range encompasses laser rangfinder modules, laser designators, high-power semiconductor laser, diode pumping modules, LiDAR lasers, as well as comprehensive systems including structured lasers, ceilometers, laser dazzlers. Laser wavelengths available include 650 nm, 635 nm and 532.



Article Content

Eye Safe Laser Rangefinder | ERDI TECH LTD OEM/ODM

Eye safe laser rangefinder solutions from ERDI TECH LTD integrate 1535nm eye-safe LRFs, 1064nm designators and 905nm sensors with in-house erbium-glass

Diode Laser Modules

We stock a large selection of diode laser modules with options including adjustable focus, lens type, beam quality, laser safety class, drive circuit, housing material

Premier Laser Diode Modules

Premier Laser Diode Modules contain an industrial quality laser diode with built-in monitoring photodiode. An efficient processor-controlled driver circuit is fully protected and matched to the

Laser Diodes, Modules | Optoelectronics | DigiKey

Laser Diodes and Modules are semiconductor devices that can emit a beam of high intensity focused radiation, typically in the infrared, visible or ultraviolet wavelength ranges of the electromagnetic

Lumispot offers Laser Range Finder (LRF) Module,

This range encompasses laser rangefinder modules, laser designators, high-power semiconductor laser, diode pumping modules, LiDAR lasers, as well as

Chilas ultra narrow linewidth tunable lasers

Ultra Narrow Linewidth Tunable Lasers Chilas is a laser manufacturer that develops and commercializes widely tunable ultra-narrow linewidth external cavity lasers.

Laser Diode Modules

Laser diode modules are modules containing diode lasers, and possibly also some optics, cooling devices, electrical elements, etc.

Evve Long Range B.V.

The units employ 1.54 μm Erbium:glass lasers that are eye-safe (Class 1M) and emit pulsed beams invisible to night-vision devices. With a high repetition rate, LRF modules effectively track fast-moving

Laser Diodes and Pump Modules

Discover the industry-leading reliability and performance of TRUMPF's laser diode pump modules. We offer a flexible portfolio of high-power modules with both bar

DLEM Laser Rangefinder Modules

DLEM laser rangefinder modules measure distances up to 5 000 meters fast and with an absolute accuracy of better than one meter. Reliable measurement is warranted within a wide operational

1500M LASER RANGEFINDER MODULE

Product Description DLRF-C1.5: Compact 905nm Laser Ranging Module for 1500m+ Measurement DLRF-C1.5 semiconductor laser rangefinder is an

On Laser Ranging Based on High-Speed/Energy Laser Diode Pulses

This paper discusses the construction principles and performance of a pulsed time-of-flight (TOF) laser radar based on high-speed (FWHM ~ 100 ps) and high-energy (~ 1 nJ) optical transmitter pulses

EVVE LASER RANGE FINDER

The modules use 1.5-micrometer diode lasers and are totally eye-safe. The wavelength is invisible to the human eye and is not detectable by I2

Research on Large Divergence Angle Laser Ranging

This study investigates a laser ranging technology scheme featuring a large divergence angle for both the emitted and received laser beams, focusing

Diode Laser Modules | Coherent

Coherent Diode Laser Modules are compact, economic modules that provide the beam shape, wavelength, and power you need for your

Plug and Play Laser Diode Modules

Easy to use, plug and play laser diode modules ProPhotonix manufactures easy-to-use, plug-and-play laser diode modules for a wide range of laser applications

Lumispot offers Laser Range Finder (LRF) Module,

Lumispot specializes in the research and development of laser technology, providing a diverse portfolio of products. This range encompasses laser rangefinder

Laser Sensing

The laser output power of a laser diodes is influenced by many parameters : input current, voltage, temperature, age of the laser diode. In order to maintain a

Laser Diodes and Pump Modules

Single-emitter laser diodes are well suited for pumping fiber lasers for industrial and scientific applications. In addition, we offer diode chips specifically tailored for the

Laser Module

A laser module is defined as a component that includes a laser diode bank with a collimator lens, capable of producing high optical output power, such as the Nichia NUBM08 laser diode, which

Laser Components

We are your sparring partner for optics, optoelectronics, and all light-related technologies. Together with you, we go beyond borders and realize your visions.

Laser Diodes and Modules

Product PortfolioAMS Technologies is a leading supplier of laser diodes and carries an exceptionally broad portfolio of component-style laser diodes as well as laser

Contact Us

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