



## LRF Series

### Laser Rangefinder Modules

#### Features

Class 1 eyesafe laser

Rapid measurement

High repetition rate

Three optical aperture sizes and three laser technologies

Reliable, accurate and proven technology

#### Benefits

Unrestricted, safe operation

Nearly instantaneous results about the target

Accurate tracking of a moving target

Maximum flexibility to select the optimum price/performance ratio

Minimal risk for systems integrators



# LRF modules

## The safe way to measure with speed and precision

Your goal is to successfully integrate a laser rangefinder module into your host system, and Vectronix is here to assist with its line of innovative LRF modules. The latest in laser diode technology ensures rapid and accurate measurements - every time. Highly skilled technicians meticulously assemble each LRF module to exact Swiss standards. All electronic components are securely mounted to a stable chassis, combined with perfectly bore sighted optics. The LRF family offers three different laser technologies:

**1000 Series:** 905nm laser for standard range measurements

**3000 Series:** 1550nm laser for extended range performance

**5000 Series:** 1550nm laser with beam shaper for the longest range performance



LRF 5041 technology integrated in VECTOR 21

	LRF 1027	LRF 3020	LRF 3027	LRF 3042	LRF 5020	LRF 5042
Range capability	2.5 km	2.0 km	4.2 km	6.0 km	4.5 km	8.0 km
Accuracy < 1500 m	± 3 m	± 3 m	± 3 m	± 3 m	± 3 m	± 3 m
Accuracy > 1500 m	± 5 m	± 5 m	± 5 m	± 5 m	± 5 m	± 5 m
Dimensions in mm	105x80x41	100x50x35	105x80x41	114x100x50	100x50x35	114x100x50
Weight	250 g	120 g	250 g	325 g	120 g	325 g
Invisible to Image Intensifiers	No	Yes	Yes	Yes	Yes	Yes
DMC available	Yes	No	Yes	Yes	No	Yes
Aperture	27 mm	20 mm	27 mm	42 mm	20 mm	42 mm



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