



Features

- Compact size (11mm dia. x 6mm long)
- Suitable for use with LDM-3, LDM-4 & LDM-5 laser diode modules
- Good quality lines which can be focussed to a line width of less than 1mm.

Laserex laser line generators and cross hair generators are most suited to applications requiring a good quality laser line at a reasonable cost. These units can be used for positioning, alignment and detection.

All our line generators and cross hair generators are suitable for use with our LDM-3, LDM-4 and LDM-5 series laser diode modules.

Specifications:

The line length at a distance 'D' from the laser module is calculated using the line length factor 'LLF', as follows:

$$\text{Line length} = D \times \text{LLF}$$

<u>Line Generators</u>	<u>LLF</u>
L5 5 degree fan angle	0.0873
L15 15 degree fan angle	0.2633
L30 30 degree fan angle	0.5359
L45 45 degree fan angle	0.8284
L60 60 degree fan angle	1.1547
L90 90 degree fan angle	2.0000
<u>Cross Hair Generators</u>	<u>LLF</u>
CH 10 degree fan angle	0.1750

This product is registered with the FDA in accordance with 21 CFR 1040.10(a)(3)(I) and is compliant with European, and Australia/New Zealand laser safety standards 73/23/EEC - 98/37/EG, 89/336/EEC, EN 50081-1, EN-31252, EN-31252, EN 55022, EN 60825-1 and AS/NZS 2211:1997. The complete laser product manufacturer must supply adequate instructions for installation and servicing of this product. This is not a removable laser system. This product is designed solely as a component in an electronic product and therefore does not comply with the requirements of 21 CFR 1040.10 and 1040.11 for complete

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