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# ISO 11146-2:2005, Lasers And Laser-related Equipment - Test Methods For Laser Beam Widths, Divergence Angles And Beam Propagation Ratios - Part 2: General Astigmatic Beams



## Synopsis

ISO 11146-2:2005 specifies methods for measuring beam widths (diameter), divergence angles and beam propagation ratios of laser beams. ISO 11146-2:2005 is applicable to general astigmatic beams or unknown types of beams. For stigmatic and simple astigmatic beams, ISO 11146-1 is applicable. Within ISO 11146-2:2005, the description of laser beams is accomplished by means of the second order moments of the Wigner distribution rather than physical quantities such as beam widths and divergence angles. However these physical quantities are closely related to the second order moments of the Wigner distribution. In ISO/TR 11146-3, formulae are given to calculate all relevant physical quantities from the measured second order moments. This title may contain less than 24 pages of technical content.

## Book Information

Paperback: 24 pages

Publisher: Multiple. Distributed through American National Standards Institute (ANSI) (August 23, 2007)

Language: English

ASIN: B000Y2U5UE

Product Dimensions: 8.2 x 0.1 x 10.5 inches

Shipping Weight: 3.8 ounces (View shipping rates and policies)

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Best Sellers Rank: #2,586,266 in Books (See Top 100 in Books) #30 in Books > Engineering & Transportation > Engineering > Reference > American National Standards Institute (ANSI)

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