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Find the *Santec PEM-320* at our website: *Click HERE*

PRODUCTS

OPTICAL TEST AND MEASUREMENT EQUIPMENT

Extinction Ratio Meter
PEM-320



The PEM-320 polarization extinction ratio (PER) meter has been designed meet the challenges of accurate and rapid alignment of optical components to polarization maintaining fiber. The instrument uses a rapidly rotating polarizer to provide real-time, simultaneous measurements of PER, polarization angle and optical power. The PEM-320 model has improved accuracy and greater dynamic range (40 dB) than previous models, and also incorporates a powerful GPIB interface enabling full system integration and production line automation. In addition, to facilitate automatic alignment of diode lasers to optical fibers, an analogue power monitor with 1 kHz response time is available. With this addition, both translation and rotational fiber alignments can be controlled automatically.

Features

Simultaneous display of extinction ratio, optical power, and polarization angle

40 dB dynamic range for PER measurement

Wide dynamic range for input power

Analog output

GPIB and RS-232C interface

1550, 1480, 1310, 980 nm versions available

Applications

Production line automation

PMF splicing

Laser/fiber, fiber/modulator connections

Download PDF Version of this Product Information

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We buy equipment

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