

# MBR5 Multi-Output Backreflection Meter

## KEY FEATURES

- Stable BR measurements at low values
- Up to 72 output channels
- IL and BR measurements
- Up to 4 internal lasers

## APPLICATIONS

- Component testing
- Ribbon fiber testing
- Simultaneous testing with multiple connector types
- Incoming inspection
- QA testing

## COMPLIANCE

- UL/CSA 61010
- IEC 61010
- IEC 60825-1 Class 1
- FCC Part 15 (Class A)
- EN 61326 (Class A)

## IN THE BOX

- MBR5 Meter
- AC power cord
- User Manual
- Calibration Certificate
- FC/APC Calibrated Jumper
- Detector Cap



## PRODUCT DESCRIPTION

The MBR5 Multi-Output Backreflection Meter is an instrument developed with extremely stable optics for precise measurement of backreflection, insertion loss and power. Available with 4, 12, 24, 48 or 72 (MM) output channels, the MBR5 is a practical choice for both single fiber and ribbon fiber testing. The MBR5 features up to four built-in laser sources at wavelengths of 850, 1310, 1490, 1550, 1625 and 1650 nm (depending on fiber type), and can be configured for single-mode or multimode measurement.

An intuitive display and keypad simplifies the collection and management of measurement data allowing quick access to the test results from various channels. The MBR5 achieves ultra-stable backreflection measurements at very low values. Accuracy is typically  $\pm 0.4$  dB and measurement sensitivity is to  $-80$  dB. Insertion loss relative accuracy is  $\pm 0.05$  dB.

In addition, the 10 mm Ge detector option is particularly useful for ribbon connectors with large fiber counts.

## ADDITIONAL ACCESSORIES

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