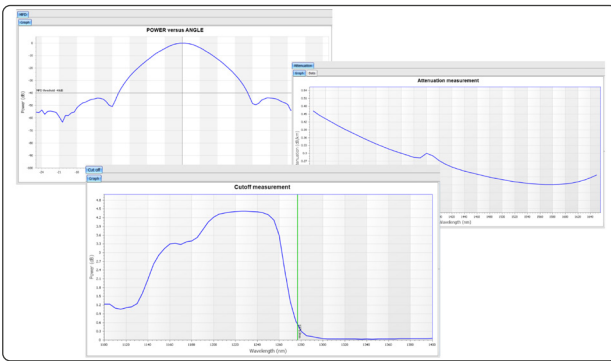




WS500

WS SYSTEMS



The WS500 is a workstation that incorporate several different measurement types that can be included in a single characterization sequence. The WS500 is designed to produce accurate measurements quickly and with confidence.

FEATURES & BENEFITS

- **Solid-state construction** – Stable, accurate, and reliable, yielding low ownership costs.
- **Broad-band SLED light sources** – Wide spectral coverage of 1250–1650 nm.
- **Low power Tungsten lamp** – Long-life and reduced operation costs.
- **Far Field Scanner for MFD** – Better suited for a wider range of fiber types.
- **Fully developed control software** – User programmable automated high-speed measurements.
- **Applicable to most fiber types** Standard, NDS, NZDS, DC, bend-insensitive and multi-mode variants fibers.

OVERVIEW

The standard measurement types include Spectral Attenuation, Mode Field Diameter (MFD) and Cut-off wavelength.

VARIANTS

WS500 system may be configured with additional measurement options to satisfy the end users measurement requirements.

- **WS500MFD**
Is the standard offering providing measurement of Spectral Attenuation, MFD, Aeff, Cut-off wavelength.
- **NA**
Adds broad-band multimode 850nm LED to the far field scanning method enabling the measurement of multimode Numerical Aperture.

• Macrobending loss

Adds pre-defined mandrel diameters and software enabling sequential measurement of bend loss at different bend radii over a programmable wavelength range.

STANDARDS

IEC-60793-1-40, IEC-60793-1-43, IEC-60793-1-44, IEC-60793-1-45, IEC-60793-1-47, IEC-TR-62284, ITU G650.1, IEC-60793-2-50 (C5)

PE.fiberoptics Ltd
Rosa House
Mulberry Business Park
Wokingham
Berkshire RG41 2CY
United Kingdom