



Nearfield

### Nearfield Analyzer

The Nearfield (NF) describes the optical power density on the surface of a radiating source or the end of a fiber. The near field measurement can determine the refractive index profile of multimode fibers and the fiber's mode filling.

Equivalent scan range	-150 $\mu\text{m}$ to +150 $\mu\text{m}$
Scan accuracy (absolute)	1% (+2 $\mu\text{m}$ )
Scan speed	60sec
Equivalent Resolution	0.2 $\mu\text{m}$
Equivalent aperture	1.2 $\mu\text{m}$
Optical Interface	FC-PC,

Farfield

### Farfield Analyzer

The Farfield (FF) measurement is the optical power density of a source or fiber end on a surface measured at a radial distance. The far field measurement can determine the numerical aperture of sources and fibers.

NA range	-0.5 to +0.5 NA
Scan speed	60 sec
Scan angle	-45° to +45°
Resolution, standard	0.36°
high	0.18°
Step Accuracy	+/- 0.045°
Optical Interface	FC/PC

General

Data Interface	USB 1.1 (or later) compatible data rate and interconnect
Operating Temperature Range	0 °C to 50 °C (32°F to 122°F)
Mech Dimension	19" Rack Standard (16.8 x 3.8 x 10 inch)
Optical Interface	fixed FC/PC
Power Supply	Universal AC input: 90VAC to 264VAC, 43Hz.. 63Hz

NOTE: Specifications are subject to change, please confirm specific performance characteristics of the product at the time of ordering.