



CERTIFICATE OF CONFORMANCE

Certificate numberXXXXX.....

This is to Certify that the following "ModCon" Mode Controller

Part numberXXXXX.....

Serial numberXXXXX.....

has been tested in accordance with the requirements of TIA EIA-455-43 FOTP-43 Output Near-Field Radiation Pattern Measurement of Optical Waveguide Fibers and that this product meets the requirements defined below.

Near Field Launch condition at 850 and 1300nm for Modal Controller in 62.5/125 fiber

Intensity (% of max)	Maximum value (µm)	Minimum value (µm)
5	55	51
15	52	45
75	33	20

Near Field Launch condition at 850 and 1300nm for Modal Controller in 50/125 fiber

Intensity (% of max)	Maximum value (µm)	Minimum value (µm)
5	44.0	40.8
15	41.6	36.0
75	26.4	16.0

Test conditions

The tests were performed using :-

Modal Explorer MPX-1 Serial number (850nm) **XXXXX**

Modal Explorer MPX-2 Serial number (1300nm) **XXXXX**

Light sources used :-

- a) LED with a centre wavelength of 850nm, a spectral width (FWHM) of approximately 50nm and an output power of approximately -20dbm.
- b) LED with a centre wavelength of 1300nm, a spectral width (FWHM) of approximately 50nm and an output power of approximately -20dbm.

Test performed byXXXXX Date ...XXXXX.

Approved by

Tony Hainsworth , QA Manager