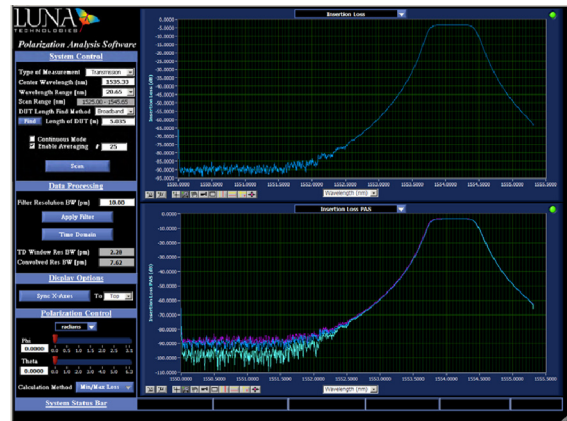Luna's **Polarization Analysis Software** can be used to display the response of an optical component to a simulated input polarization state. This software, combined with the measurement data from Luna's Optical Vector Analyzer™, eliminates the tedious and difficult task of polarization alignment often required for measurement of today's advanced optical components.

The software plots the insertion loss, group delay and impulse response of an optical component to a user defined input polarization state. Easy-to-use sliders allow the user to adjust the simulated input polarization to any desired state.
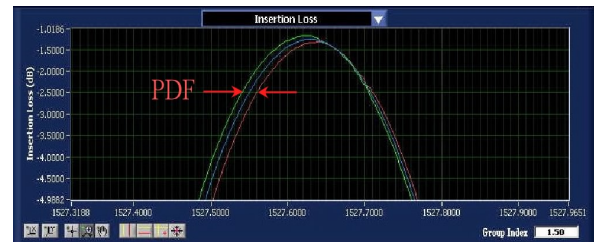
Also plotted are the minimum and maximum insertion loss, and the group delay and chromatic dispersion of the principle states of polarization (PSP). In a separate graph, the software displays all of the polarization averaged quantities (IL, GD, CD, etc.) as well as PMD, PDL, Jones matrix elements and time domain information. All of the generated data can be saved for export to other plotting and analysis packages.

Use Polarization Analysis Software to get the complete picture of your component's polarization dependence.

Visualize Polarization Effects

Visualize polarization effects such as polarization dependent center frequency (PDF).

Min/Max Loss

Polarization Analysis Software determines the minimum and maximum loss at each wavelength.

Principle States

View the response of your component to specific input states.

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