

Definitions of Mux Parameters

Our components fulfill or exceed standard market specifications for optical components. It may still not be entirely obvious how different parameters like isolation are more closely defined.

The following diagram illustrates the most important parameters, following the "green box model", in accordance with ITU. The channel, including its bandwidth and isolation as defined by the component specifications, delineates a box. The measured transmission spectrum of each channel has to be above the box.

Under no circumstances can it interfere with any neighboring box (channel). Therefore, isolation and insertion losses have to be maintained within the borders set out by the defined center wavelengths and bandwidth.

