

[OEWIN-100]

## DWDM Optical Interleaver (12.5/25/50/100/200 GHz)

### Product description:

A new type of FBG based optical interleaver is now available from **O/E Land Inc.** The 3-port optical interleaver is used to combine two channels of 100GHz signals into one composite 50GHz signal stream, or to combine two channels of 50GHz signals into one composite 25GHz signal stream, ect. One of the biggest advantages is that our DWDM Optical Interleaver with model number OEWIN-100 can combine two channels of any number of signals from 2 to 100 into one composite signal stream. A flexible capacity for your communication system, subsystem, or modules.

### Features:

- Flat-top passband;
- Center wavelength: ITU grid or customer specified;
- Signal number: 2 – 100 or customer specified;
- Channel spacing: Standard or customer specified;
- Low dispersion;
- High channel isolation;
- Low insertion loss;

### Applications:

- Telecom system upgrade;
- Existing system modification;
- DWDM module or subsystem
- Multiple wavelength module or device;

Sample spectra:

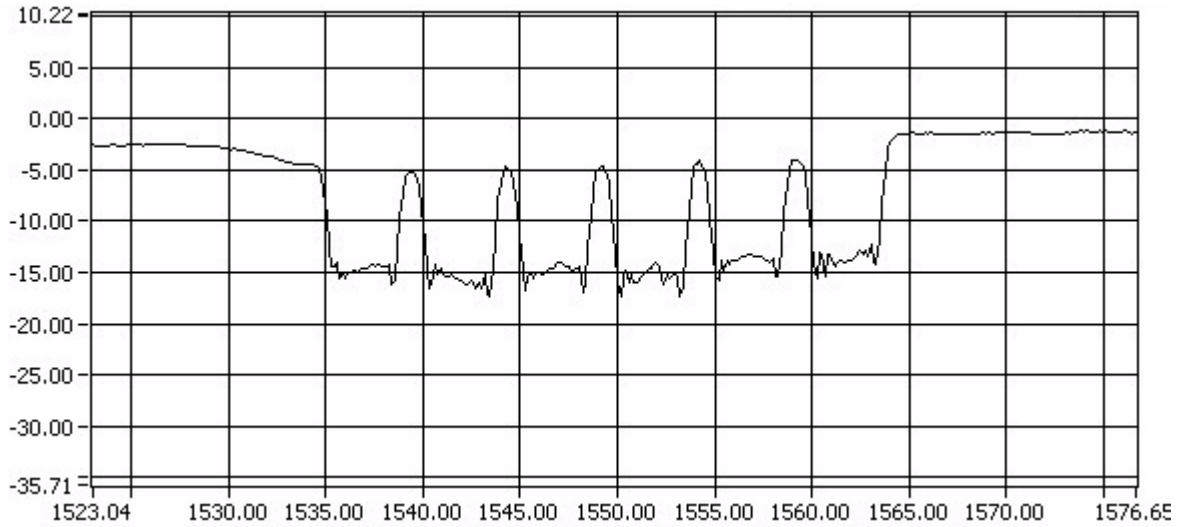


Figure 1. Transmission Spectrum of 5 signals DWDM Optical Interleaver

Note: Customers who use Fiber Bragg Gratings (FBGs) or incorporate them with their own products, must buy their FBGs from a licensed manufacturer.  
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