

### Live ELSFP module demo

Casela is demonstrating an uncooled ELSFP module as part of Optical Internetworking Forum's (OIF) Co-Packaging Interoperability Demo. The laser module uses a blind mate optical and electrical connector that adheres to the draft OIF ELSFP IA.



- Incorporates 8x Casela high power, high efficiency uncooled CW-DFB lasers
- Optical output via 8 polarization maintaining fibers (PMF)
- 100mW (20 dBm) per fiber
- Support for 2 x DR4 and 2 x FR4 configurations
- Low power consumption, no TEC

### ELSFP in CEI and Front panel I/O demo

Casela is providing light source for the OIF's CEI demo. Output from Casela's ELSFP on a polarization maintaining fiber will serve as an external laser source for the CEI Linear Tx demo. Our live ELSFP is also part of the Front panel I/O and ELSFP Connectivity Options demo to show multi-vendor compatibility.

Casela Technologies is a global, vertically integrated semiconductor laser company delivering high-performance laser technology, products and platforms to the data communication infrastructure and sensing markets. Working with OIF, we want to accelerate adoption of high optical power, high laser lane count and high speed connectivity in fully integrated modules. For more information visit [www.caselatech.com](http://www.caselatech.com)