

ELSFP Active Module – Class VHP

The O-Net External Laser Small Form-Factor Pluggable (ELSFP) active module is a small form factor, high optical power, and low power consumption device, targeted for use in systems with optical engines in co-packaging applications. The ELSFP module includes 8 channels of 20dBm Continuous Wave (CW) lasers at 1310nm or CWDM wavelength. The device has a blind mate optical connector and an electrical connector, conforming to the OIF ELSFP IA.



Key Features

- Supports OIF ELSFP IA
- External laser source for co-packaging applications
- Include 8 channels of Continuous Wave (CW) lasers
- 20dBm optical output power per channel
- Support 2x DR4 or 2x FR4 configurations
- Low power consumption
- Build in blind mate optical and electrical connectors
- Polarization maintaining optical connector

ELSFP Passive Module

The O-Net External Laser Small Form-Factor Pluggable (ELSFP) passive module is a small form factor device with 4 channels loopback Polarization Maintaining (PM) fiber cable, and a blind mate optical connector, conforming to the OIF ELSFP IA in mechanical form factor. The module is to demonstrate the low optical loss with the blind mate optical connectors.

O-Net Technologies is a vertically integrated manufacturer of optical and optoelectronic product for applications in telecommunication, data-communication, industrial and automotive markets. Headquartered in Shenzhen, China, the Company has research and development, manufacturing, and sales facilities worldwide.