

# ESFP280

## Test board for SFP+ / SFP28 transceiver



### Overview

The OPTELLENT ESFP280 is a cost-effective and convenient test board for testing SFP/SFP+/SFP28 optical transceivers in R&D and manufacturing environments. The ESFP280 is equipped with high quality RF connectors for data signals and test points for low frequency control and status signals. The ESFP280 is equipped with power supplies to enable voltage margining. Key status signals are displayed using LED indicators.

The ESFP280 is operational in a manual mode using jumpers/switches or with software. An intuitive Graphical User Interface enables easy point-and-click operation. The Optellent ESFP280 Windows software allows easy status updates and I2C communications with the transceiver.

### Applications

- ▶ RF characterization of SFP MSA transceivers
- ▶ Monitoring status signals of SFP transceivers
- ▶ Voltage margining and temperature testing
- ▶ Production testing of optical transceivers

### Key Features

- ▶ Differential signal ports
- ▶ Access to status and control signals
- ▶ Access to I2C registers
- ▶ Easy voltage margining
- ▶ Manual and software control

### Accessories

- User Software
- User Manual
- Power supply
- PC Interface cable