



## TRANSCEIVER

TL-10GSFP-SM10K

SKU: 23516    UPC: 816927000000

The TL-10GSFP-SM10K transceivers are designed for use in 10-Gigabit Ethernet links up to 10km over Single Mode fiber. They are compliant with SFF-8431, SFF-8432 and IEEE 802.3ae 10GBASE-LR/LW, and 10G Fibre Channel 1200-SM-LL-L Digital diagnostics functions are available via a 2-wire serial interface. The transceiver is a limiting module, i.e., it employs a limiting receiver. Host board designers using an EDC PHY IC should follow the IC manufacturer's recommended settings for interoperating the host-board EDC PHY with a limiting receiver SFP+ module. The optical transceiver is compliant per the RoHS Directive 2011/65/EU.

### Features

- Compatible with TechLogix TL-IPFO-T01, TL-IPFO-R01 & TL-FO2-HDC extenders
- Single mode fiber compatible
- Duplex LC connectors
- 10G max data rate
- 10km/6.2 mile max cable distance
- DOM support
- 1310nm wavelength

Specifications: Form Type SFP+ Max Data Rate 10.3125Gbps Wavelength 1310nm Max Cable Distance\* 10km Interface LC duplex Optical Components DFB 1310nm Cable Type SMF DOM Support Yes TX Power -8.2~0.5dBm Receiver Sensitivity < -14.4dBm Commercial Temperature Range 0 to 70°C (32 to 158°F)