

## 25G SFP28 DWDM Transceiver

The laser based 25Gigabit SFP28 Transceiver is designed to transmit and receive serial optical data over single mode optical fiber with 10Km.

They are compliant with SFF-8431, SFF-8432. The transmitter converts serial CML electrical data into serial optical data. The receiver converts serial optical data into serial CML electrical data. Digital diagnostics functions are available via a 2-wire serial interface, as specified in SFF-8472.

### Product Feature

- Compliant to SFP28 MSA
- Fully RoHS Compliant
- All metal housing for superior EMI performance
- Operating data rate up to 25.78Gbps
- High sensitivity Pin photodiode and TIA
- LC duplex connector
- Hot pluggable 20pin connector
- Low power consumption <2 W
- 0°C to 70°C operating wide temperature range
- Single +3.3V±5% power supply
- Digital Monitoring SFF-8472 Rev
- 10.2 compliant

### Product Application

- 25G Ethernet
- CPRI Option 10

### Product Specification

Package	Part Number	Data Rate	Reach (km)	Wavelength (nm)	TX output (dBm)	RX sensitivity (dBm)	RX overload (dBm)	Interface
SFP28 DWDM	ST-SDVL-XX	25G	10	DWDM (50G HZ)	0~4	-11.3	2	LC