

## 25G SFP28 Single Mode Transceiver

Designed for 25G Ethernet 25GBASE-LR and CPRI/eCPRI links over duplex single mode fibers, the 25G SFP28 LR industrial optical module supports transmission distance up to 10km using 1310nm wavelength.

### Product Feature

- Hot-pluggable SFP28 form factor
- Compliant with SFP MSA standard
- Compliant with IEEE 802.3cc 25GBASE-LR standard
- Compliant with CPRI and eCPRI specifications
- Single channel full-duplex transceiver module
- Supports 25Gb/s data rate
- 1310nm DFB laser
- PIN photo-detector
- 1W maximum power dissipation
- Maximum link length of 10km on SMF
- Dual LC receptacles
- Built-in digital diagnostic functions
- Industrial operating case temperature range: -40 to 85°C
- Single 3.3V power supply
- RoHS-6 compliant (lead free)

### Product Specification

Package	Part Number	Data Rate	Reach (km)	Wavelength (nm)	TX output (dBm)	RX sensitivity (dBm)	RX overload (dBm)	Interface
SFP28 LR	ST-SSVL-31	25G	10	1310	-5 ~2	-11.3	2	LC