

**Gigabit 10KM SFP28
optical module**

SF511A-LC-10KM

Product Brochure

Shenzhen Fengrunda Technology Co., Ltd

ProductIntroduction :

The SF511A-LC-10KM Small Form Factor Pluggable (SFP) transceiver is compatible with the Small Form Factor Pluggable Multi-Source Agreement (MSA). The transceiver consists of five parts: LD driver, limiting amplifier, digital diagnostic monitor, 1310nm FP laser and PIN photodetector. The module data link can reach 10KM in 9/125um single-mode fiber.



Key Features:

- Supports up to 25.78Gbps bit rates
- Hot-pluggable SFP+ footprint
- 1310nm DFB laser and PIN photodiode, Up to 10km for SMF transmission
- Compliant with SFP+ MSA and SFF-8472 with duplex LC receptacle
- Compatible with RoHS
- Single +3.3V power supply
- Real Time Digital Diagnostic Monitoring
- Operating case temperature:
- Standard: 0 to +70°C

Specifications:

System Specifications	parameter
Package Type	SFP28
Maximum transfer rate	25.78Gbps
Wavelength	1310nm
Maximum transmission distance	10km
Fiber Type	Single Mode
Interface Type	LC Duplex
DDM	Support
Supply voltage	3.3V
Operating temperature	0°C-70°C (commercial grade)
Warranty	2years

Main Applications

- 25GBASE-LR
- CPRI rate-10