

SFP Single Mode Transceiver

Designed for Ethernet, Fiber Channel, SDH, SONET or CPRI links over duplex single mode fibers, the Sintai SFP single mode optical transceivers use 1310nm or 1550nm wavelength and support transmission distance up to 120km.

Product Feature

- Adopt SFP hot-swappable encapsulation with LC interface
- Support the rate of 1.25 or 2.67Gb/s with downward compatibility
- Support specification of single mode
- Suitable for networks such as Ethernet/ FC/ SDH/ SONET/ CPRI
- Single mode optical fiber supports a transmission distance of up to 120km
- Built-in DDM (digital diagnostic monitoring function)
- Working temperature: 0°C ~ +70°C
- Comply with RoHS standard

Product Overview

The 1.25 or 2.5G SFP optical communication module launched by Sintai Communication Co., Ltd contains a wide range of products to support a variety of application scenes, including dual fiber bidirectional, single fiber bidirectional, CWDM, DWDM transmission. The module conforms to the MSA protocol, and it has the characteristics of low power consumption, small size, multi-rate and good compatibility with different network applications, such as Ethernet/ SDH/ SONET/ CPRI/ FC. The transceiver conforms to the RoHS standard and supports digital diagnostic function. The single mode optical transceiver can be used at the client side with the transmission distance of up to 120 km.

Product Specification

Model	Description	Transmission distance (km)	Working wavelength (nm)	Transmitting power (dBm)	Receiving sensitivity (dBm)	Overload power (dBm)
ST-SSGL-31	SFP, single-mode, 1.25G, dual fiber	10	1310	-9~-3	≤-22	-3
ST-SSGE-31	SFP, single-mode, 1.25G, dual fiber	40	1310	-5~0	≤-24	-1
ST-SSGZ-55	SFP, single-mode, 1.25G, dual fiber	80	1550	0~5	≤-24	-1
ST-SSGU-55	SFP, single-mode, 1.25G, dual fiber	120	1550	0~5	≤-31	-9

Model	Description	Transmission distance	Working wavelength	Transmitting power	Receiving sensitivity	Overload power
ST-SSSL-31	SFP, single-mode, 2.5G, dual fiber	20	1310	-5~0	≤-18	0
ST-SSSE-31	SFP, single-mode, 2.5G, dual fiber	40	1310	-2~3	≤-18	0
ST-SSSZ-55	SFP, single-mode, 2.5G, dual fiber	80	1550	0~5	≤-28	-9
ST-SSSU-55	SFP, single-mode, 2.5G, dual fiber	120	1550	0~5	≤-30	-10

