

10G SFP+ BiDi Transceiver

Designed for Ethernet, Fiber Channel, SDH, SONET, CPRI or OTN links over simplex single mode fiber, the Sintai 10G SFP+ BiDi optical transceivers use 1270nm and 1330nm wavelengths and support transmission distance up to 40km and are used in pairs.

Product Feature

- Adopt SFP+ hot-swappable encapsulation with LC interface
- Support an overall rate of 1.06Gb/s~11.3Gb/s with service compatibility
- Support single fiber bidirectional transmission
- Suitable for networks such as Ethernet/ FC/ SDH/ SONET/ CPRI/ OTN
- Single mode optical fiber supports a transmission distance of up to 40km in single fiber bidirectional transmission system
- Built-in DDM (digital diagnostic monitoring function)
- Working temperature: 0°C ~ +70°C
- Comply with RoHS standard

Product Overview

The 10G SFP+ optical communication module launched by Sintai Communication Co., Ltd is specifically designed for 10G Ethernet and 1G/2G/4G/8G/10G Fiber Channel applications, and it is compatible with STM-16/64, CPRI 2~8, OTU1/2 and other network applications. The module conforms to the MSA protocol and supports adaptive rate of 1.06Gbps~11.3Gbps, with the longest transmission distance of 40 km, complying with the RoHS standard, and supporting digital diagnostic function. The single fiber bidirectional optical transceiver is used in single fiber bidirectional transmission system and should be used in pairs.

Product Specification

Model	Description	Transmission distance (km)	Working wavelength (nm)	Transmitting power (dBm)	Receiving sensitivity (dBm)	Overload power (dBm)
ST-SBXL-23	SFP+, 10G, single fiber A bidirectional	10	1270T/1330R	-6~+0.5	≤-14	0.5
ST-SBXL-32	SFP+, 10G, single fiber B bidirectional	10	1330T/1270R	-6~+0.5	≤-14	0.5
ST-SBXE-23	SFP+, 10G, single fiber A bidirectional	40	1270T/1330R	0~+5	≤-15	0.5
ST-SBXE-32	SFP+, 10G, single fiber B bidirectional	40	1330T/1270R	0~+5	≤-15	0.5