

10G SFP+ DWDM Transceiver

Designed for Ethernet, Fiber Channel, SDH, SONET, CPRI or OTN links over duplex single mode fibers, the Sintai DWDM 10G SFP+ optical transceivers use DWDM C-band C15-C62 wavelengths with 100GHz spacing and support transmission distance up to 80km.

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 specification of DWDM
- Suitable for networks such as Ethernet/ FC/ SDH/ SONET/ CPRI/ OTN
- Single-mode optical fiber supports a transmission distance of up to 80km in DWDM 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 80 km, complying with the RoHS standard and supporting digital diagnostic function. The DWDM optical transceiver is used in DWDM system which adopts the dense wavelength division multiplexing technology to achieve long distance and huge capacity transmission.

Product Specification

Model	Description	Transmission distance (km)	Working wavelength (nm)	Transmitting power (dBm)	Receiving sensitivity (dBm)	Overload power (dBm)
ST-SDXE-CXX	SFP+, DWDM, 10G	40	DWDM (C15~C62)	-1~+3	≤-16	-1
ST-SDXZ-CXX	SFP+, DWDM, 10G	80	DWDM (C15~C62)	0~+4	≤-24	-7