

SFP DWDM Transceiver

Designed for Ethernet, Fiber Channel, SDH, SONET or CPRI links over duplex single mode fibers, the Sintai DWDM SFP optical transceivers use DWDM C-band C15-C62 wavelengths with 100GHz spacing 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 DWDM
- Suitable for networks such as Ethernet/ FC/ SDH/ SONET/ CPRI
- Single mode optical fiber supports a transmission distance of up to 120km in DWDM system
- Built-in DDM (digital diagnostic monitoring function)
- Working temperature: 0°C ~ +70°C
- Comply with RoHS standard

Product Overview

The 1.25G 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, with the longest transmission distance of 120 km. The transceiver conforms to the RoHS standard and supports 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-SDGZ-CXX	SFP, DWDM, 1.25G	80	DWDM (C15~C62)	0~5	≤-24	-1
ST-SDGU-CXX	SFP, DWDM, 1.25G	120	DWDM (C15~C62)	0~5	≤-31	-9
ST-SDSZ-CXX	SFP, DWDM, 2.5G	80	DWDM (C15~C62)	0~5	≤-28	-10
ST-SDSU-CXX	SFP, DWDM, 2.5G	120	DWDM (C15~C62)	0~5	≤-30	-10