100G CFP2 Multimode Transceiver

Designed for 100G Ethernet links over multiple multimode fibers, the Sintai 100G CFP2 100GBASE-SR10 optical transceivers support transmission distance up to 400m using 850nm wavelength.

Product Feature

- Adopt CFP2 hot-swappable encapsulation with MPO/MTP interface for multi-mode
- Multi-mode uses 10 x 11.2Gb/s laser
- Support an overall rate of 103.1Gb/s and 112Gb/s,
- Support network applications such as 100G Ethernet and OTU4
- Multi-mode optical fiber supports a transmission distance of 0.4km
- Built-in DDM (digital diagnostic monitoring function)
- Working temperature: 0°C ~ +70°C
- Comply with RoHS standards

Product Overview

The 100G CFP2optical communication module launched by Sintai Communication Co., Ltd. is designed for the high density of 100G Ethernet and optical transport network (OTN) applications and, and it contains the 100GBASE-SR10 and 100GBASE-LR4 and supports an overall rate of 103.1Gb/s and 112Gb/s, and it's compatible with IEEE802.3ba and CFP MSA standard. The transmitting end of the 100G CFP2 SR10 module adopts the 10X10Gb/s 850nm VCSEL laser array, the receiving end uses 10xPIN optical detector array, and the transmission distance is 400 meters when OM4 multimode fiber is used, and it can interconnect with the optical solution of 40GBASE-SR4 and 10GBASE-SR.

Product Specification

Model	ST-TMCS-85
Operating wavelength (nm)	850
Operating rate (Gb/s)	10X 11.2
Optical power range of single channel transmitting (dBm)	-7.6~+2.4
Optical power range of single channel receiving (dBm)	-9.9~+1
Power range of total transmission (dBm)	Null
Power range of total receipt (dBm)	Null
Transmission distance (km)	0.4 (OM4)
Extinction ratio (dB)	3
Working temperature range (°C)	0~+70

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