

40G QSFP+ Multimode Transceiver

Designed for 40G Ethernet and OTU3 links over multimode fibers, the Sintai 40G QSFP+ multimode optical transceivers use 850nm wavelength and support transmission distance up to 400m.

Product Feature

- Adopt QSFP+ hot-swappable encapsulation with MPO/MTP interface for multi-mode
- 4 x 10Gb/s laser is adopted
- Support an overall rate of 39.8Gb/s~44.6Gb/s
- Support network applications such as 40G Ethernet and OTU3
- Multi-mode optical fiber supports a transmission distance of up to 0.4km
- Built-in DDM (digital diagnostic monitoring function)
- Working temperature: 0°C ~ +70°C
- Comply with RoHS standards

Product Overview

The 40G QSFP+ optical communication module launched by Sintai Communication Co., Ltd. is specifically designed for 40G Ethernet and 40G OTN applications. The module conforms to the QSFP+ MSA standard and IEEE 802.3ba standard and supports a maximum rate of 44.6Gb/s, with digital diagnostic capabilities. The product contains two kinds' modules: single-mode module and multimode module. The transmitting end of the multimode module adopts the 4 X 10Gb/s 850nm VCSEL laser array, the receiving end uses 4xPIN optical detector array, and the transmission distance is 300 meters when OM3 multimode fiber is used and the transmission distance is 400 meters OM4 multimode fiber is used. It's widely used in environments such as large data centers, campus networks, metro networks, etc.

Product Specification

Model	ST-QMQS-85
Operating wavelength (nm)	850
Operating rate (Gb/s)	4x10.5
Optical power range of single channel transmitting (dBm)	-7.5~0
Optical power range of single channel receiving (dBm)	-9.9~+2.4
Power range of total transmission (dBm)	Null
Power range of total receipt (dBm)	Null
Transmission distance (km)	0.3 (OM3) 0.4 (OM4)
Extinction ratio (dB)	3
Working temperature range (°C)	0~+70