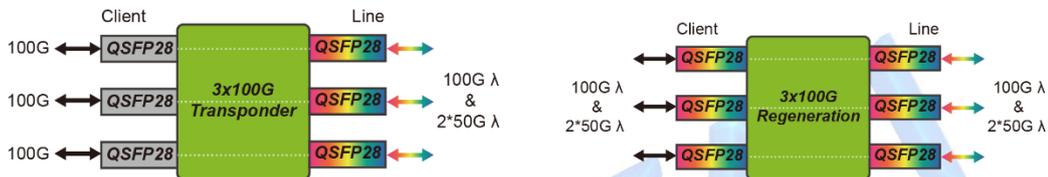


OTDQ3: 100G Transponder(QSFP28)

The 100G Transponder Service Card launched by Guangzhou Sintai Communication Co., Ltd. supports three 100G service accesses and converts them into three 100G-rate or six 50G-rate WDM-standard wavelength optical signals, so as to facilitate WDM multiplexing of different wavelengths of optical signals by combining units, and at the same time, realise the inverse process of the above mentioned process. It is suitable for intra-city WDM short-haul transmission solutions.



Product Specification

Parameter	Description
Line mode	Support 3 *100G service wavelength conversion
Relay mode	Support 3*100G service relay regeneration
Connector	<ul style="list-style-type: none"> 6, QSFP28-based pluggable Line-side support for 100G QSFP28 DCO optical modules and 100G QSFP28 PAM4 DWDM optical modules Line-side support for wavelength tunability covering 191.35~196.1 THz (100G QSFP28 DCO support)
Supported service types	<ul style="list-style-type: none"> 100GE, 100GE_RS-FEC OTU4 (100G QSFP28 DCO support)
Loopback	Supported when using 100G QSFP28 DCOs
ALS	Support automatic switching off and on of the laser according to the optical signal input
Performance monitoring	<ul style="list-style-type: none"> Support performance monitoring of optical SNR, pre-correction BER, uncorrectable BER blocks, etc. (supported by 100G QSFP28 DCO) Support performance monitoring such as pre-correction BER and post-correction BER (100G QSFP28 PAM4 DWDM support) Support optical module temperature, current, voltage, optical power and other performance monitoring
Number of slots occupied	1 slot
Maximum power consumption	<ul style="list-style-type: none"> 60W (line mode: using 100G QSFP28 DCO) 30W (line mode: using 100G QSFP28 PAM4 DWDM)