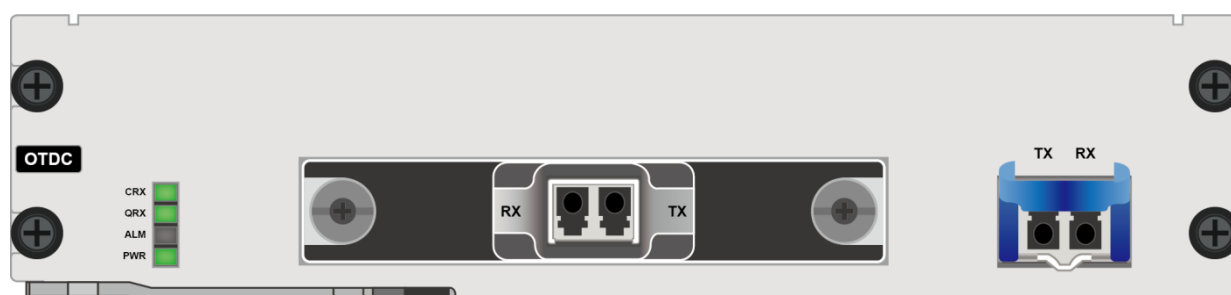


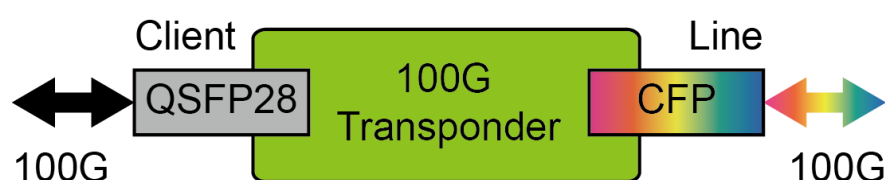
## 100G OTU: 1\*CFP+1\*QSFP28

100G OTU card launched by Sintai Communication Co., Ltd. supports one 100G service access, adopts advanced technologies such as PDM-QPSK modulation and coherent reception, and overcomes the OSNR requirements, CD tolerance, and PMD tolerance of high-speed transmission systems. And the nonlinear physical effects of transmission, such as 100G service 1200 km or more of non-electrical relay transmission, and the line side interface supports C-band 96-wave (50 GHz) adjustable.

### Product diagram



### Functional structure



### Product specification

Function	Note
Interface	<ul style="list-style-type: none"><li>Client-side interface: 1 QSFP28 hot-pluggable</li><li>WDM-side interface: 1 CFP hot-pluggable, coherent PDM-QPSK</li></ul>
Line mode	Support one 100G service transmission, transform one 100G service optical signal into one DWDM standard wavelength optical signal
Relay mode	Support 100G wavelength electrical relay
Support service type	<ul style="list-style-type: none"><li>100GE</li><li>OTU4</li></ul>
WDM technology	Support DWDM: C band 50GHz 96 wavelengths adjustable
FEC technology	Support SDFEC
Occupied slot number	Support OTNS8600 series chassis, occupy 2 slots
Network management function	<ul style="list-style-type: none"><li>Support real time monitoring of the port working state, including: transmitting optical power and receiving optical power, temperature, etc.</li><li>Support port loopback and port shutdown</li></ul>
Max power consumption	50W (including transceiver)
MTBF	>100000 hours