## OTDE: 25G OTU Card

The 25G OTU service card launched by Sintai Communication Co., Ltd supports any four service access in the rate of 16~32G. Its main function is to finish the 2R re-generating and re-shaping of any 4-channel signals and then convert them 4 standard WDM wavelength signal, so that the MUX unit can multiplex the optical signals with different wavelengths and also achieve the reverse process. It’s applicable to the WDM transmission solution for eCPRI fronthaul transmission, 25G Ethernet, and 16G/32G FC service.

**Product Diagram**



**Functional Structure**



**Product Specification**

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| **Item** | **Description** |
| **Interface** | Client side interface: 4, based on SFP28 pluggableLine side interface: 4, based on SFP28 pluggable |
| **Line mode** | It supports the transparent transmission of any type of services in the range of 16G ~ 32G, and can convert 4 service optical signals into 4 WDM standard wavelength optical signals |
| **Relay mode** | Support 16G ~ 32G wavelength electric relay |
| **Access service type** | * 25GE
* 16G FC (compatible with 32G)
* eCPRI、CPRI 10
 |
| **Self-adaption** | 16~32G rate adaptive, configuration free |
| **WDM technology** | * Support CWDM: 18 channels
* Support DWDM: C band 50GHz 80 channels
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| **Occupied slot number** | Occupy 1 slot, applicable to the whole OTNS 8600 series platform |
| **Network management**  | * Supports real-time monitoring of port working state, including transmitting optical power, receiving optical power, temperature, etc.
* Support ALS function of optical port
 |
| **Max power consumption** | 16W (including the optical modules) |
| **MTBF** | ＞100000 hours |