

OTNS8600P Integrated DWDM Equipment

Based on optical integration technology, Sintai Communication Co., Ltd independently developed OTNS8600 P-type integrated wavelength division equipment, 80G, 160G, 400G, 480G transmission capacity to build networks in batches, eliminating complex optical layer configuration, reducing the tedious Connected to the optical fiber, the switch-type connection is connected, the network is built quickly, and the maintenance is simple. It perfectly matches the transmission requirements of the customer's metropolitan area, and solves the customer's demands to the greatest extent.

Product features

- 1U rack device, ultra-high integration design, compared to traditional solutions, the cabinet space saving 90%
- Single-channel access rate up to 10 Gbit/s and adaptive access to all types of services at rates of 10 Gbit/s or lower (like FE/GE/10GE LAN, 10GE WAN, STM-1~64, etc.)
- Support 1+1 line protection on the optical cable side, automatically select transmission routes, and improve network reliability
- In-band monitoring channel, optical path connectivity enables SNMP management across the connection of optical road
- Dual-server power configuration, hot-pluggable, 1+1 hot backup using Load Share
- One-box delivery by site, power-free distribution, plug and play; no fiber jump, no manual intervention
- Single device supports up to 480G transmission capacity, 80G/160G/400G/480G devices can be flexibly selected according to service requirements, and stacking is supported to increase the transmission capacity
- The networking is simple, the original network topology is not changed, no complicated optical layer design, and only the device model is selected based on the number of attenuation or kilometers.
- Service port is completely physically isolated and transparently transmitted to improve network security.



Product specification

Function	Note
Equipment Size	1U: 44 mm (H)×442 mm (W)×560 mm (D)
Max channel number	480G
Single channel max rate	10Gbit/s
Support service	100M ~ 10G All services, including STM-1/4/16/64, OC-3/12/48/192, FE, GE, 10GE, FC100/200/400/800/1200, FICON, ESCON, CPRI 1/2/3/6/7 and others services
Clock features	Support IEEE 1588V2
Network level protection	Support optical line 1+1 protection
Installation	19" 600mm cabinet
Working temperature range	-10℃~60℃ (typical)
Working humidity range	5~95% no condensation

Storage temperature range	-40°C~85°C
Heat dissipation	Fan cooling
Power supply mode	AC: 90 ~ 260V or DC: -36 ~ -72 V (support 1+1 backup power input)
Power consumption	<400W (Max)
MTBF	>100000 hours

