HT6000

DWDM Optical Transmission System Specification

Product Overview

The HT6000 is a compact, high-capacity, low-cost OTN optical transmission system which introduced by HTF. It adopts CWDM / DWDM common platform design, supports multi-service transparent transmission, and has flexible networking and access capabilities. Applicable to the national backbone network, provincial backbone network, metro backbone network and other core networks, to meet the needs of large-capacity nodes above 1.6T, is the industry's most cost-effective transmission application platform. Build a large-capacity WDM transmission expansion solution for IDC and ISP operators.
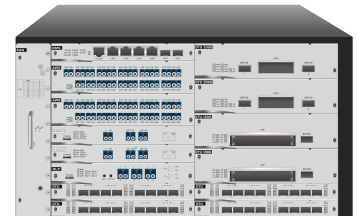
Ultra-large Capacity Intelligent Transmission Platform

- Standard 1U, 19", 4 slots
- Dual power supply AC/DC optional
- Multiple service card hybrid insertion
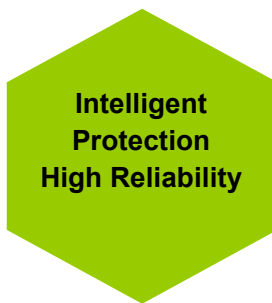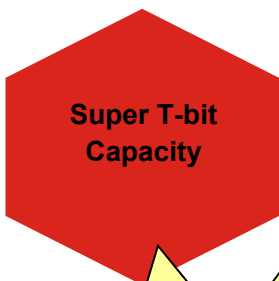- Support 10G/100G/200G hybrid transmission

- Standard 2U, 19", 8 slots
- Dual power supply AC/DC optional
- Multiple service card hybrid insertion
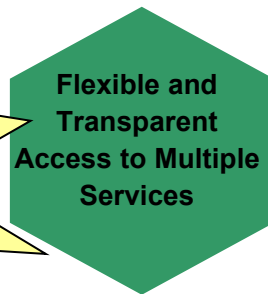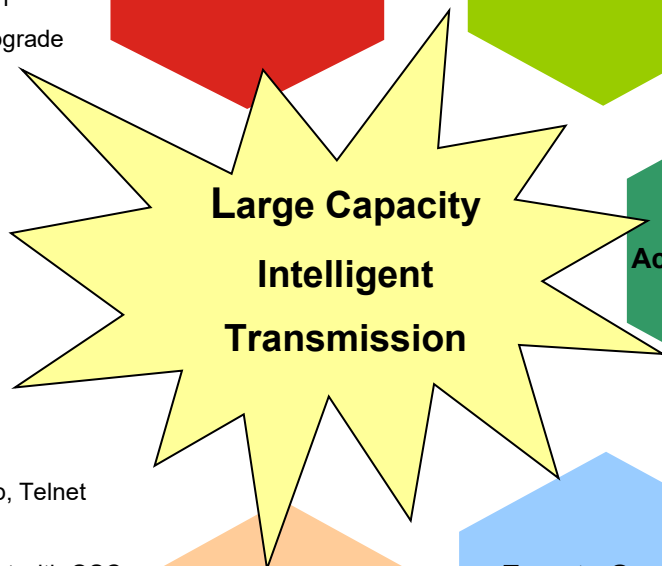- Support 10G/100G/200G hybrid transmission

- Standard 5U, 19", 20 slots
- Dual power supply AC/DC optional
- Multiple service card hybrid insertion
- Support 10G/100G/200G hybrid transmission

Ultra-Wideband Intelligent Transmission Platform

- Maximum support 96ch
- Single channel rate up to 200Gbps，
- support 10G/100G/200G mixed transmission
- Smooth network upgrade

Super T-bit Capacity
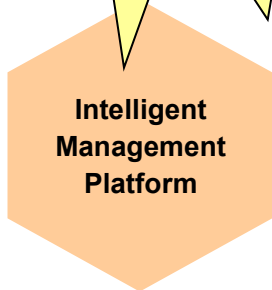
Intelligent Protection High Reliability

- Customer side supports 1+1 protection
- Channel side supports 1+1 protection
- Multiplex side supports 1+1 protection
- Power supply supports 1+1 dual power supply redundancy protection

Large Capacity Intelligent Transmission

Flexible and Transparent Access to Multiple Services

- IP:GE/10GE/100GE/200GE
- FC:1/2/4/8/10Gbps
- SDH:STM-1/4/16/64
- CPRI:1/2/3/4/5/6/7

- Support SNMP, Web, Telnet management
- Remote management with OSC
- Real-time online monitoring, fast fault location
- Fully visual interface

Intelligent Management Platform

Easy to Operate Simple Maintenance

- Modular design, support for hot swap
- Support wavelength adjustable,
- Support eye protection
- Management card automatic identification service card
- Service card automatically stores operational and fault information
- Service card supports online upgrade

Specifications

Name		Description
Transmission Capacity		96x10Gbps /96x100Gbps
Network Management Unit		EMS network management disk
OTU		Support 1.25G ~10Gbps,100Gbps ➢ 1/2/4/8 /10Gbps Fibre Channel ➢ CPRI: 2/3/4/5/6/7 ➢ 1G/10G Ethernet LAN or WAN PHY ➢ STM-4/16/64 SONET/SDH
MUX/DEMUX		Support 8ch/16ch/40ch/48ch
EDFA		EDFA erbium doped fiber amplifier
DCM		DCM:G.652/G655 Dispersion compensation fiber module
OLP		OLP optical protection
Size	Services Card	191 (W) x 253 (D) x 20 (H) mm
	1U 4-slot Chassis	482.5 (W) x 350(D) x 44.5 (H) mm
	2U 8-slot Chassis	482.5 (W) x 350(D) x 89 (H) mm
	5U 20-slot Chassis	482.5 (W) x 350(D) x 222.5 (H) mm
Environment	Operating Temperature	-10℃ ~ 60℃
	Storage Temperature	-40℃ ~ 80℃
	Relative Humidity	5% ~ 95% Non-condensing
Power Supply Mode		Dual power supply, AC220V/DC-48V optional
Power Consumption		1U <120W, 2U<200W, 5U<400W

More details, Welcome to contact HTF sales online or leave message.
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