

GF-6000-CH04

4-slot 1U 19-inch transmission chassis

1. Product overview

Compact optical transmission chassis for DWDM/OTN systems in data centers, metro networks and core backbones. Transparent mixed-service transport supports 10G, 100G, 200G and 400G interfaces. Modular, hot-swappable service cards enable capacity expansion.



2. Key features

- 19-inch rack-mount format; four service slots
- Dual redundant power: AC 220 V and/or DC -48 V options
- Pluggable transponders, muxponders, amplifiers and OLP modules
- Transparent Ethernet, Fibre Channel, SDH/SONET and CPRI access
- SNMP, Web and Telnet remote monitoring and fault control
- Compact, energy-efficient design for high-density deployment

3. Applications

Data centers, metropolitan optical networks, core backbone networks and DWDM/OTN transport.

4. Technical data

Parameter	Specification
Rack format / slots	1U / 4
Dimensions (W x D x H)	482.5 x 350 x 44.5 mm
Transmission capacity	Up to 96 x 10 Gb/s or 96 x 100 Gb/s; depends on card population
Supported mixed rates	10G / 100G / 200G / 400G
Service protocols	1G/10G Ethernet; Fibre Channel 1/2/4/8/10 Gb/s; SDH/SONET STM-1/4/16/64; CPRI 1-7
Power supply	Dual redundant AC 220 V and/or DC -48 V, optional
Power consumption	<120 W typical

5. Recommended operating conditions

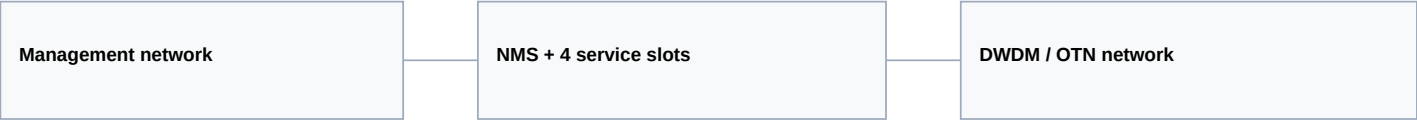
Operating temperature	Storage temperature	Relative humidity
-10 to +60°C	-40 to +80°C	5-95%, non-condensing

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6. Optical characteristics

Parameter	Specification
DWDM MUX/DEMUX module options	8 / 16 / 40 / 48 channels
Wavelengths / optical budgets	Not specified for the chassis on the product page

Optical launch power, receiver sensitivity, optical budget and numeric transmission distance are not specified on this product page.



Simplified functional illustration based on the product description.

7. Digital diagnostics and management

SNMP, Web and Telnet network management provide remote monitoring and fault control. Hot-swappable service cards and dual power redundancy support maintenance and availability.

8. Safety and regulatory

DWDM/OTN platform terminology is stated. No safety classifications or regulatory certification details are provided on the product page.

9. Ordering information

Product number	Product description
GF-6000-CH04	4-slot 1U 19-inch transmission chassis