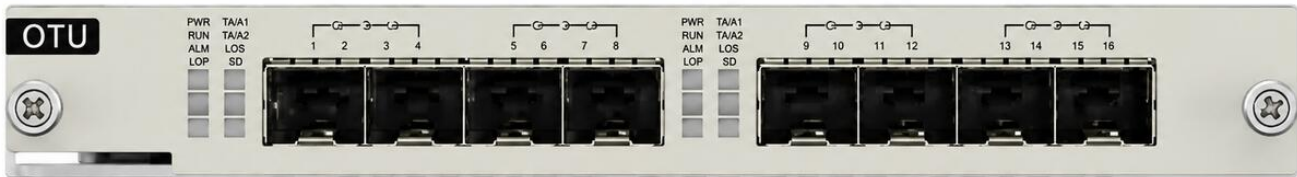


GF-6000-OTUQS2S

1.25G-10G transponder | 8 x SFP+ | 3R

1. Product overview

Intelligent SFP+ transponder for CWDM/DWDM networks. It converts a transparent data channel to a corresponding WDM wavelength. Integrated 3R signal regeneration also enables optical repeater operation for signal extension and quality improvement.



2. Key features

- 8 x SFP+ optical slots
- Multi-rate support: 1G-10G in highlights; 1.25G-10G in title
- 3R re-amplification, re-shaping and re-timing
- Loopback testing for performance verification
- LFP (Link Fault Pass-Through)
- Transparent multi-protocol transport

3. Applications

Telecom and carrier networks; data centers and cloud interconnects; 5G transport; long-haul optical backbone systems.

4. Technical data

Parameter	Specification
Interface type	8 x SFP+ slots
Fibre Channel	1 / 2 / 4 / 8 / 10 Gb/s
CPRI	2 / 3 / 4 / 5 / 6 / 7
Ethernet	1G / 10G; LAN or WAN PHY
SONET / SDH	OC-24 / OC-48 / OC-192; STM-16 / STM-64
Dimensions (W x D x H)	191 x 253 x 20 mm
Chassis compatibility	HT6000 CH04 / CH08 / CH20 (source wording)
Power consumption	30 W

5. Recommended operating conditions

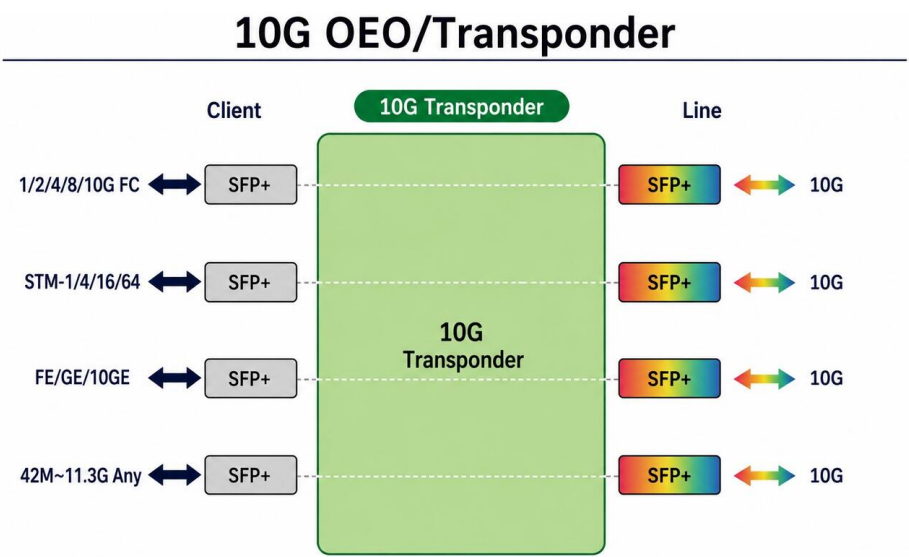
Operating temperature	Storage temperature	Relative humidity
-10 to +60°C	-40 to +80°C	5-95%, non-condensing

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6. Optical characteristics

Parameter	Specification
CWDM wavelength range	1271-1611 nm
DWDM wavelength range	1529.5-1565.50 nm
Standard wavelength options	850 / 1310 / 1550 nm
Grid reference	ITU-T G.694.x (as stated)
Optical interface	8 x SFP+
Source illustration	Four client/line pairs; line marked 10G; client labels include 42M-11.3G Any

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



Functional illustration published on the product page.

7. Digital diagnostics and management

TELNET, SNMP and Web GUI. Supports loopback tests and Link Fault Pass-Through (LFP). Multi-service transmission is transparent as described on the product page.

8. Safety and regulatory

ITU-T G.694.x wavelength compliance is stated. No laser safety class or additional regulatory certifications are listed.

9. Ordering information

Product number	Product description
GF-6000-OTUQS2S	1.25G-10G transponder 8 x SFP+ 3R