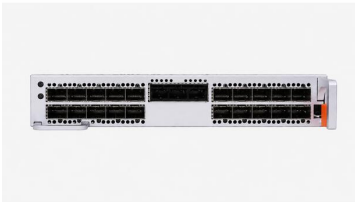


GF-6800-200GTMUX

GF-6800 200G CFP2 Muxponder Line Side / Client side 20 x SFP+ port

1. Product overview

HT6800-200GTMUX – 200G Muxponder The HT6800-200GTMUX is a high-capacity coherent DWDM muxponder designed to aggregate up to 20 × 10G client services into a single 200G coherent DWDM line interface. The client side provides 20 × SFP+ ports for 10G service access, while the line side uses 1 × CFP2-DCO coherent DWDM module for 200G transmission. The card occupies 2 slots in the HT6800 platform.



2. Key features

Supports aggregation of up to 20 × 10G client services • Supports 1 × 200G coherent DWDM line-side service • Client side provides 20 × SFP+ ports • Line side provides 1 × CFP2-DCO coherent interface

3. Applications

20 × 10G to 200G service aggregation • Data Center Interconnect, DCI • Metro DWDM networks • Regional optical transport networks • Long-haul DWDM transmission • Point-to-point coherent DWDM links • ROADM-based optical networks • Passive DWDM transport systems • Capacity expansion of existing C-band optical networks

4. Technical data

Supports aggregation of up to 20 × 10G client services	Product Type: 200G coherent DWDM muxponder
Supports 1 × 200G coherent DWDM line-side service	Maximum Client-Side Capacity: 20 × 10 Gbps
Client side provides 20 × SFP+ ports	Maximum Line-Side Capacity: 200 Gbps
Line side provides 1 × CFP2-DCO coherent interface	Client-Side Data Rate: 20 × 10 Gbps
Supports 10G Ethernet and other compatible 10G service access	Line-Side Data Rate: 1 × 200 Gbps
Supports tunable coherent DWDM operation	Client-Side Interfaces: 20 × SFP+
Supports OFEC	Line-Side Interface: 1 × CFP2-DCO coherent DWDM
Supports high-capacity service aggregation over C-band DWDM networks	Supported Client Services: 10Gb, other compatible 10G services
Suitable for metro, regional, long-haul and DCI applications	Forward Error Correction: OFEC
Occupies 2 slots in the HT6800 chassis	Card Width: 2 slots
Model: HT6800-200GTMUX	Dimensions: 216 mm (W) × 254 mm (D) × 42 mm (H)
	Maximum Power Consumption: ≈80 W

5. Recommended operating conditions

Operating Temperature: -5°C to +45°C
Storage Temperature: -40°C to +80°C
Relative Humidity: 5% to 95%, non-condensing

GF-6800-200GTMUX

6. Optical characteristics

Supports frequency range from 190.7 THz to 196.65 THz	Optical Transmit Power: Adjustable within the supported range of the installed CFP2-DCO module
Supports: 50/75/100/150 GHz channel spacing	Coherent Modulation Formats: DP-QPSK, 8QAM
Supports adjustable optical transmit power depending on the installed CFP2-DCO module	OSNR Performance 100G DP-QPSK with OFEC: OSNR tolerance of 12.5 dB
Supports coherent modulation formats including: DP-QPSK, 8QAM	OSNR Performance 200G DP-QPSK with OFEC: OSNR tolerance of 14 dB
Optical Frequency Range: 190.7–196.65 THz	OSNR Performance 200G 8QAM with OFEC: OSNR tolerance of 20 dB
Channel Spacing: 50/75/100/150 GHz	
Wavelength / Frequency Tuning: Adjustable within the supported coherent DWDM frequency range	

8. Safety and regulatory

The product page does not specify regulatory certifications or a laser safety class.

9. Ordering information

GF-6800-200GTMUX GF-6800 200G CFP2 Muxponder Line Side / Client side 20 x SFP+ port

10. General notes

Technical Info identifies model HT6800-200GTMUX; the GLOBALfiber ordering number is retained. • Equality signs (for example “=30 W”) and source asterisks are retained as published; no different limit is inferred. • Technical values and product image: GLOBALfiber product page, Technical Info. Unspecified parameters have not been inferred. Accessed 06.09.2026.

Source: GLOBALfiber product page – Technical Info