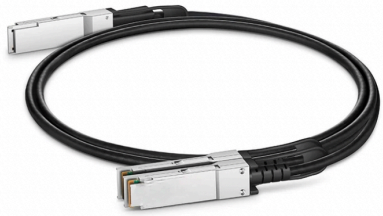
QSFP56 200G to 2x100G QSFP56 DAC

QSFP56 to 2x QSFP56 · 200G to 2 × 100G · passive direct attach copper cable (DAC) · 1m, 1.5m, 2m, 2.5m, 3m · NVIDIA compatible

The GLOBALfiber Q200G-DAC2Q-NV is a 200G to 2 × 100G passive direct attach copper cable (DAC) with QSFP56 to 2x QSFP56 connectors for NVIDIA InfiniBand and Ethernet networks. It is available in lengths of 1m, 1.5m, 2m, 2.5m, 3m and is coded for NVIDIA equipment with InfiniBand or Ethernet coding.



KEY FEATURES

- QSFP56 to 2x QSFP56
- 200G to 2 × 100G, 4 × 50G PAM4
- Twinax copper, 30 AWG (1–1.5 m) / 26 AWG (2 m+)
- Power consumption 0.1 W
- Lengths 1m, 1.5m, 2m, 2.5m, 3m
- Hot-pluggable, 0 to +70 °C

APPLICATIONS & COMPATIBILITY

- NVIDIA switches: Quantum QM8700/QM8790, Spectrum-2 SN3700, Spectrum-3 SN4600
- NVIDIA adapters / systems: ConnectX-6, ConnectX-6 Dx, ConnectX-7 (QSFP112-port), BlueField-2/3
- Replaces NVIDIA 980-9I98H-00V001), 980-9I98K-00V01A), 980-9I99F-00H002), MCP7H50-H001R30, MCP7H50-H001R30 (980-9I39E-00H001, MCP7H50-H002R26, MCP7H50-H002R26 (980-9I98I-00V002, MCP7H50-H01AR30 and more

KEY SPECIFICATIONS

Cable type	passive direct attach copper cable (DAC)
Connectors	QSFP56 to 2x QSFP56
Data rate	200G to 2 × 100G
Lanes	4 × 50G PAM4
Conductor / fiber	Twinax copper, 30 AWG (1–1.5 m) / 26 AWG (2 m+)
Power consumption	0.1 W
Min. bend radius	56 mm (30 AWG) / 74 mm (26 AWG)
Jacket	LSZH
Operating temperature	0 to +70 °C
Management	SFF-8636 EEPROM
Protocol	InfiniBand or Ethernet (HDR / 200GbE)

ORDERING INFORMATION

GLOBALfiber item	Length	Coding	Replaces NVIDIA
Q200G-DAC2Q1M-NVI	1m	IB InfiniBand	MCP7H50-H001R30
Q200G-DAC2Q1M-NVE	1m	ETH Ethernet	MCP7H50-V001R30
Q200G-DAC2Q1M5-NVI	1.5m	IB InfiniBand	MCP7H50-H01AR30
Q200G-DAC2Q1M5-NVE	1.5m	ETH Ethernet	MCP7H50-V01AR30
Q200G-DAC2Q2M-NVI	2m	IB InfiniBand	MCP7H50-H002R26
Q200G-DAC2Q2M-NVE	2m	ETH Ethernet	MCP7H50-V002R26
Q200G-DAC2Q2M5-NVI	2.5m	IB InfiniBand	MCP7H50-H02AR26
Q200G-DAC2Q2M5-NVE	2.5m	ETH Ethernet	MCP7H50-V02AR26
Q200G-DAC2Q3M-NVE	3m	ETH Ethernet	MCP7H50-V003R26

Choose the coding that matches the host: InfiniBand for NVIDIA Quantum switches, Ethernet for NVIDIA Spectrum switches. Other lengths and coding on request: salg@globalfiber.no.

ENVIRONMENTAL

Operating temperature	0 to +70 °C
Storage temperature	-40 to +85 °C
Relative humidity	5 to 95 % (non-condensing)

COMPLIANCE

- QSFP56 MSA
- IEEE 802.3cd
- SFF-8636
- RoHS compliant

INSTALLATION NOTES

- Confirm that both host ports support the selected protocol, port mode and coding.
- Observe the minimum bend radius of 56 mm (30 AWG) / 74 mm (26 AWG) and leave room for cable routing and airflow.
- Choose a length with sufficient routing margin; do not pull on the cable when removing — use the pull tab.

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