QSFP56 200G to 4x50G SFP56 DAC

QSFP56 to 4x SFP56 · 200G to 4 × 50G · passive direct attach copper cable (DAC) · 1m, 1.5m, 2m, 2.5m, 3m · NVIDIA compatible

The GLOBALfiber Q200G-DAC4S-NV is a 200G to 4 × 50G passive direct attach copper cable (DAC) with QSFP56 to 4x SFP56 connectors for NVIDIA Ethernet networks. It is available in lengths of 1m, 1.5m, 2m, 2.5m, 3m and is coded for NVIDIA equipment with Ethernet coding.



KEY FEATURES

- QSFP56 to 4x SFP56
- 200G to 4 × 50G, 4 × 50G PAM4
- Twinax copper, 30 AWG (≤ 1.5 m) / 26 AWG (2 m+)
- Power consumption 0.1 W per end
- Lengths 1m, 1.5m, 2m, 2.5m, 3m
- Hot-pluggable, 0 to +70 °C

APPLICATIONS & COMPATIBILITY

- NVIDIA switches: Spectrum-2 SN3700, Spectrum-3 SN4600 (QSFP56 end)
- NVIDIA adapters / systems: Adapters with SFP56 50GbE-port
- Replaces NVIDIA MCP7H70-V001R30, MCP7H70-V002R26, MCP7H70-V003R26, MCP7H70-V01AR30, MCP7H70-V02AR26

KEY SPECIFICATIONS

Cable type	passive direct attach copper cable (DAC)
Connectors	QSFP56 to 4x SFP56
Data rate	200G to 4 × 50G
Lanes	4 × 50G PAM4
Conductor / fiber	Twinax copper, 30 AWG (≤ 1.5 m) / 26 AWG (2 m+)
Power consumption	0.1 W per end
Min. bend radius	35 mm
Jacket	PVC (OFNR)
Operating temperature	0 to +70 °C
Management	SFF-8636 / SFF-8472 EEPROM
Protocol	Ethernet (HDR / 200GbE)

ORDERING INFORMATION

GLOBALfiber item	Length	Coding	Replaces NVIDIA
Q200G-DAC4S1M-NVE	1m	ETH Ethernet	MCP7H70-V001R30
Q200G-DAC4S1M5-NVE	1.5m	ETH Ethernet	MCP7H70-V01AR30
Q200G-DAC4S2M-NVE	2m	ETH Ethernet	MCP7H70-V002R26
Q200G-DAC4S2M5-NVE	2.5m	ETH Ethernet	MCP7H70-V02AR26
Q200G-DAC4S3M-NVE	3m	ETH Ethernet	MCP7H70-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
- SFP56 MSA
- IEEE 802.3cd
- RoHS compliant

INSTALLATION NOTES

- Confirm that both host ports support the selected protocol, port mode and coding.
- Observe the minimum bend radius of 35 mm 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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