

Mellanox MCP7H50-H001R30 Datasheet



Mellanox MCP7H50-H001R30 passive copper hybrid cable, IB HDR 200Gb/s to 2x100Gb/s, QSFP56 to 2xQSFP56, LSZH, colored, 1m, 30AWG

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200Gb/s HDR to 2x100Gb/s HDR100 QSFP56 to 2xQSFP56 Direct Attach Copper Splitter Cable

NVIDIA Networking passive DAC breakout cables provide robust connections for leading-edge InfiniBand HDR 200Gb/s systems. These cables provide 200Gb/s connectivity between devices using QSFP56 ports.

LinkX 200Gb/s passive DAC cables fill the need for short cost-effective connectivity in the data center. Passive copper cables require no additional power to ensure quality connectivity. NVIDIA's high-quality solutions provide a power-efficient replacement for active power connectivity such as fiber optic cables for short distances.

Optimizing systems to operate with LinkX 200Gb/s passive DAC cables significantly reduces power consumption and EMI emission.

Rigorous cable production testing ensures best out-of-the-box installation experience, performance and durability.

Highlights

- IBTA InfiniBand HDR compliant
- 200Gb/s HDR to 2x100Gb/s HDR100 data rate
- 4x 50Gb/s PAM4 modulation
- SFF-8665 compliant
- Operating case temperature 0-70C
- Single 3.3V supply voltage
- BER (Bit Error Rate) better than 1E-15 with InfiniBand HDR systems
- Hot pluggable
- RoHS compliant
- LSZH (Low Smoke Zero Halogen) jacket
- LF (Lead Free) HF (Halogen Free) PCB
- SFF-8636 compliant I2C management interface

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