



HDR 200Gb/s QSFP56 Direct Attach Copper Cable

MCP1650-Hxxxxyz

Mellanox® MCP1650 passive DAC cables provide robust connections for leading-edge InfiniBand HDR 200Gb/s systems. These cables provide 200Gb/s connectivity between devices using QSFP56 ports.

Mellanox's 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. Mellanox'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 Mellanox's 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.

Table 1 - Part Numbers and Descriptions

Part Number	Description
MCP1650-H00AE30	Mellanox® Passive Copper cable, IB HDR, up to 200Gb/s, QSFP56, 0.5m, black pulltab, 30AWG
MCP1650-H001E30	Mellanox® Passive Copper cable, IB HDR, up to 200Gb/s, QSFP56, 1m, black pulltab, 30AWG
MCP1650-H01AE30	Mellanox® Passive Copper cable, IB HDR, up to 200Gb/s, QSFP56, 1.5m, black pulltab, 30AWG
MCP1650-H002E26	Mellanox® Passive Copper cable, IB HDR, up to 200Gb/s, QSFP56, 2m, black pulltab, 26AWG
MCP1650-H02AE26	Mellanox® Passive Copper cable, IB HDR, up to 200Gb/s, QSFP56, 2.5m, black pulltab, 26AWG
MCP1650-H003E26	Mellanox® Passive Copper cable, IB HDR, up to 200Gb/s, QSFP56, 3m, black pulltab, 26AWG

Note: xxx = reach; y = pulltab color; zz = wire gauge



HIGHLIGHTS

- Supports IBTA IB HDR
- Compliant with SFF-8665
- Up to 200Gb/s data rates
- 4x 50Gb/s PAM4 modulation
- Ultra low crosstalk for improved performance
- Low insertion loss
- BER better than 1E-15
- Serial numbers printed on each end
- Tested in an end-to-end system
- RoHS compliant
- Halogen free
- Operating case temperature of 0-70°C

Warranty Information

Mellanox LinkX DAC cables include a 1-year limited hardware warranty, which covers parts repair or replacement.