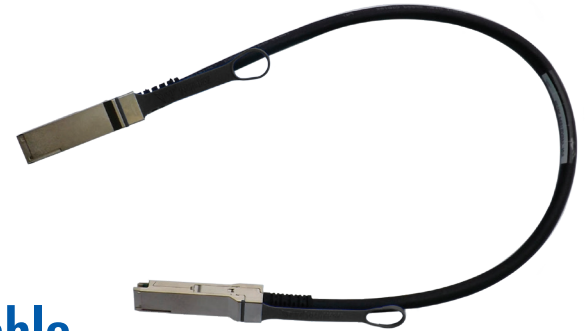




# 200GbE QSFP56 Direct Attach Copper Cable

MCP1650-Vxxxxyz



**LinkX**<sup>™</sup>  
CABLES  
TRANSCEIVERS  
COMPONENTS

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

Mellanox's LinkX 200GbE 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 200GbE 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

- Supports 200GbE Ethernet
- Compliant with SFF-8665
- Up to 200Gb/s data rate
- 4x 50Gb/s PAM4 modulation
- Ultra low crosstalk for improved performance
- Low insertion loss
- Tested in an end-to-end system
- RoHS compliant
- Halogen free
- Operating case temperature of 0-70°C

Table 1 - Part Numbers and Descriptions

Part Number	Description
MCP1650-V00AE30	Mellanox <sup>®</sup> Passive Copper cable, 200GbE, 200Gb/s, QSFP56, LSZH, 0.5m, black pulltab, 30AWG
MCP1650-V001E30	Mellanox <sup>®</sup> Passive Copper cable, 200GbE, 200Gb/s, QSFP56, LSZH, 1m, black pulltab, 30AWG
MCP1650-V01AE30	Mellanox <sup>®</sup> Passive Copper cable, 200GbE, 200Gb/s, QSFP56, LSZH, 1.5m, black pulltab, 30AWG
MCP1650-V002E26	Mellanox <sup>®</sup> Passive Copper cable, 200GbE, 200Gb/s, QSFP56, LSZH, 2m, black pulltab, 26AWG
MCP1650-V02AE26	Mellanox <sup>®</sup> Passive Copper cable, 200GbE, 200Gb/s, QSFP56, LSZH, 2.5m, black pulltab, 26AWG
MCP1650-V003E26	Mellanox <sup>®</sup> Passive Copper cable, 200GbE, 200Gb/s, QSFP56, LSZH, 3m, black pulltab, 26AWG

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

## Warranty Information

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