



200GbE to 2x100GbE (QSFP56 to 2xQSFP56) Direct Attach Copper Splitter Cable

MCP7H50-Vxxxyzz

Mellanox® MCP7H50 passive, copper, splitter cable is a high speed, cost-effective, 200GbE to 2x100GbE Ethernet connectivity solution designed for the growing need for higher bandwidth in data centers.

The 200GbE end is configured as 4 channels x 50G PAM4 in a QSFP56 shell. The 100GbE side splits off 2 channels x 50G PAM4 into two separate QSFP56 ends operating at 100Gb/s. Each QSFP56 cage comprises an EEPROM providing product information which can be read by the host system.

Mellanox's unique, quality, passive, copper, cable solutions provide power-efficient connectivity for short distance interconnects. They enable higher port bandwidth, density and configurability at a low cost and reduced power requirement in the data centers.

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

Table 1 - Part Numbers and Descriptions

Part Number	Description
MCP7H50-V001R30	Mellanox® passive copper hybrid cable, 200GbE, 200Gb/s to 2x100Gb/s, QSFP56 to 2xQSFP56, colored pulltabs, 1m, 30AWG
MCP7H50-V01AR30	Mellanox® passive copper hybrid cable, 200GbE, 200Gb/s to 2x100Gb/s, QSFP56 to 2xQSFP56, colored pulltabs, 1.5m, 30AWG
MCP7H50-V002R26	Mellanox® passive copper hybrid cable, 200GbE, 200Gb/s to 2x100Gb/s, QSFP56 to 2xQSFP56, colored pulltabs, 2m, 26AWG
MCP7H50-V02AR26	Mellanox® passive copper hybrid cable, 200GbE, 200Gb/s to 2x100Gb/s, QSFP56 to 2xQSFP56, colored pulltabs, 2.5m, 26AWG
MCP7H50-V003R26	Mellanox® passive copper hybrid cable, 200GbE, 200Gb/s to 2x100Gb/s, QSFP56 to 2xQSFP56, colored pulltabs, 3m, 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.

LinkX[™]
CABLES
TRANSCEIVERS
COMPONENTS

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HIGHLIGHTS

- 200GbE to 2x100GbE splitter
- Compliant with SFF-8665
- Up to 200Gb/s data rate
- 4x50G 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