

Mellanox MCP1600-E00AE30 Datasheet



Mellanox MCP1600-E00AE30 Passive Copper cable, IB EDR, up to 100Gb/s, QSFP28, 0.5m, Black, 30AWG

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Mellanox MCP1600-E0xxEyy DAC cables are high speed, cost-effective alternatives to fiber optics in InfiniBand 100Gb/s EDR applications.

Mellanox QSFP28 passive copper cables(1) contain four high-speed copper pairs, each operating at data rates of up to 25Gb/s. Each QSFP28 port 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. It enables 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.

Features

- Up to 100Gb/s data rate
- SFF-8665 compliant QSFP28
- Operating case temperature 0-70°C
- Single 3.3V supply voltage
- Bit Error Rate (BER) better than 1E-15 with Mellanox systems
- Hot pluggable

- RoHS compliant
- LSZH (Low Smoke Zero Halogen) jacket
- LF (Lead Free) HF (Halogen Free) PCB
- SFF-8636 compliant IC management interface

For more information of this Mellanox MCP1600-E00AE30, please visit Mellanox website:

https://network.nvidia.com/related-docs/prod_cables/PB_MCP1600-E0xxEyy_100Gbps_QSFP28_DAC.pdf

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