

Mellanox MMA2L20-AR Datasheet



Mellanox LinkX MMA2L20-AR SFP28 transceiver module 25GBase-LR, LC, up to 6.2 miles, 1310 nm

MMA2L20-AR

NVIDIA MMA2L20-AR Optical Transceiver 25GbE SFP28 LC-LC 1310nm LR up to 10km

25GbE SFP28 LR Optical Transceiver

NVIDIA Networking MMA2L20-AR 25Gb/s transceiver module is designed for optical communication applications and is compliant to 25GBASE-LR of the IEEE 802.3cc standard. The central wavelength is 1310nm. The high performance transmitter and high sensitivity PIN receiver provide superior performance for 25Gb Ethernet applications with up to 10km links and compliant to optical interface with IEEE802.3cc.

The product is designed with a form factor, optical/electrical connection and digital diagnostic interface according to the SFP28 Multi-Source Agreement (MSA).

Highlights

- Hot pluggable SFP28 MSA form factor
- Compliant to IEEE 802.3cc 25GBASE-LR
- SFF-8402 compliant
- Up to 10km reach for G.652 SMF
- Single +3.3V power supply
- Operating case temperature of 0-70oC
- Transmitter: 25Gb/s DFB (1310nm)
- Receiver: 25Gb/s PIN
- 28G electrical serial interface (CEI-28G-VSR)
- Maximum power consumption 1.0W
- Duplex LC receptacle
- RoHS compliant
- SFF-8472 compliant DDM functions
- Applications:
 - 25GBASE-LR Ethernet links
 - Client-side 25G telecom connections

For more information of this Mellanox LinkX MMA2L20-AR SFP28 transceiver module, please visit NVIDIA website:

<https://store.nvidia.com/en-us/networking/store/product/MMA2L20-AR/NVIDIAMMA2L20AROpticalTransceiver25GbESFP28LCLCLR/>

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