



**Adam Tas Corridor Energy**

# **Mellanox 200g optical cable**





## Overview

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200G QSFP56 AOC (Active Optical Cable) is designed for use in 200 Gigabit Ethernet links over OM3 MMF (multimode fiber), it contains four multi-mode fibers (MMF) optic transceivers per end, each operating at data rates of up to 50Gb/s. The NVIDIA® MFS1500-H010V represents the pinnacle of high-speed data transmission technology, delivering exceptional 200Gb/s performance in a compact, hot-pluggable form factor. This advanced Optical Fiber Cable is engineered for demanding data center environments where reliability, low latency. 100% OEM Compatible, 200Gbase InfiniBand HDR, QSFP56 to QSFP56 AOC (Active Optical Cable) for Mellanox Tested. 100% Guaranteed compatible with multi-vendor AOC support 100% tested to exact MSA & OEM specifications Industry leading Limited Lifetime Warranty on all AOC products. InfiniBand and Ethernet interconnects for 100G/200G/400G and 800G infrastructures.



## Mellanox 200g optical cable

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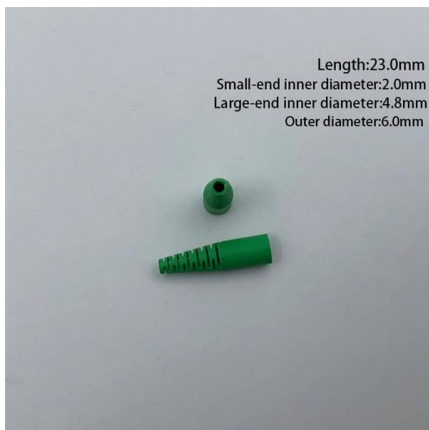


### U.S. Patent for Optical interposers Patent (Patent # 12,625,335 issued

The optical interposer 200 may, via the optical waveguide network 206 and optical redistribution elements 208 defined therein, transmit and successively split the high-powered optical

### 200G QSFP56 InfiniBand HDR Active Optical Cable

200G QSFP56 InfiniBand HDR Active Optical Cable (AOC) for Mellanox is 100% compatible with switches and routers made by most major OEMs like Adtran,



### MFS1500-H010V 200Gbps QSFP56 Active Optical

NVIDIA Mellanox MFS1500-H010V 200Gbps QSFP56 Active Optical Cable for high-performance data centers. Supports InfiniBand HDR & 200GbE with low latency

### 200G Transceivers and Cables - LightOptics®

NVIDIA/Mellanox MFS1500-HxxxV Compatible QSFP56 IB 200Gb/s InfiniBand HDR (High Data



Rate) AOC Active Optical Cable This 200G AOC cable is a QSFP56 VCSEL-based (Vertical Cavity



Length:33.5mm  
Small-end inner diameter:4.0mm  
Large-end inner diameter:6.0mm



### **New Mellanox MFA2P10-A020 25GbE SFP28 Optical Cable 20M**

The Mellanox MFA2P10-A020 25GbE SFP28 Optical Cable is a high-quality networking cable designed for use in computer systems and networking setups. With a length of 20 meters, this cable is ideal for

### **OEM 100G QSFP28 & 200G QSFP56, QSFP-DD, CFP2**

Direct OEM/ODM manufacturer of 100G/200G transceivers for AI clusters & hyperscale cloud. 100% tested 100G QSFP28, 200G QSFP56, QSFP-DD & CFP2 solutions.



### **25m (82ft) NVIDIA/Mellanox Compatible 200G QSFP56 to 4 x 50G**

This breakout cable is compliant with QSFP56 MSA/SFP56 MSA and IEEE Standards. It provides a connection of a 200G QSFP56 port on one end and to four SFP56 connectors on the other end and



## **TAOC-100G-CUXXX Mellanox MFA1A00-E Compatible 100G**

TAOC-100G-CUXXX Mellanox MFA1A00-E  
Compatible 100G Infiniband EDR QSFP28 AOC  
Active Optical Cable 5m 10m 20m 30m Fiber  
Equipment



## **QSFP56 to QSFP56 AOC 200G Active Optical Cable**

200G QSFP56 AOC (Active Optical Cable) is  
designed for use in 200 Gigabit Ethernet links over  
OM3 MMF (multimode fiber), it contains four  
multi-mode fibers (MMF)



## **200G Active Optical Cables**

Tier 1 components, 100% OEM compatible with  
Mellanox, NVidia, generic, datacenter, MSA, and  
OnePort programmable, limited lifetime  
warranty, free evaluations.

## **LinkX Cables and Transceivers , NVIDIA**

NVIDIA Mellanox cables and transceivers for  
10/25/40/50/100 and 200GbE enable the highest  
ROI and lowest TCO.



### 200Gb/s HDR QSFP56 MMF Active Optical Cable

200Gb/s HDR QSFP56 MMF Active Optical Cable MFS1S00-HxxxE for use in 200Gb/s InfiniBand HDR systems. The MFS1S00-HxxxE AOC offers high port density and configurability, and a much longer



### OEM 100G QSFP28 & 200G QSFP56, QSFP-DD, CFP2

WolonFiber manufactures strictly MSA-compliant 100G QSFP28 and 200G QSFP56, QSFP-DD, and heavy-duty CFP2 optical interconnects optimized for ultra-dense Spine-Leaf topologies and long-haul

### In-Network Computing and Next Generation HDR 200G InfiniBand

Rounding out Mellanox's HDR 200G InfiniBand portfolio is its line of LinkXTM cables. Mellanox offers direct-attach 200G copper cables and 2 x 100G splitter breakout cables to enable HDR100 links, as





### Complete Accessories

A complete range of accessories can easily help you achieve the desired effect



## MFS1500 MFS1500 Mellanox MFS1500-H003V H005V H010V

MFS1500 MFS1500 Mellanox MFS1500-H003V  
H005V H010V H020V H030V H050V H100V  
Active Optical Fiber Cable IB HDR QSFP56 MMF  
AOC 200G

## U.S. Patent Application for TRANSCIVER RESILIENCY FOR EMBEDDED OPTICAL

Systems, devices, and methods for transceiver resiliency in embedded optical modules are provided. An example optical device includes an optical communication medium, a primary optical component



## NVIDIA/Mellanox MMA1T00-VS Compatible 200GbE

Description NVIDIA/Mellanox MMA1T00-VS  
Compatible 200GbE QSFP56 MMF Optical  
Transceiver Module (MPO APC 850nm SR4 100m)  
NVIDIA/Mellanox

## NVIDIA Mellanox MFP7E10-N005 Launched: A High-Density Passive Cable

The newly launched NVIDIA Mellanox MFP7E10-N005 directly addresses this need. This MPO trunk fiber cable is engineered for 400GbE Ethernet and NDR InfiniBand environments, offering





## 200G Active Optical Cables

Tier 1 components, 100% OEM compatible with Mellanox, NVidia, generic, datacenter, MSA, and OnePort programmable, limited lifetime warranty, free evaluations.

## 200G QSFP56 InfiniBand HDR MMF Active Optical Cable

The 200G QSFP56 IB HDR AOC is designed for use in 200G links over multimode fiber, it contains four multi-mode fibers (MMF) optic transceivers per end, each



## 200G QSFP56 AOC: High-Speed Active Optical Cable

The 200G QSFP56 Active Optical Cable (AOC) is a cutting-edge solution for short-range, high-speed data transfer applications. AOCs are

## NVIDIA ConnectX-7 Adapter Cards User Manual

When discussing memory sizes, MB and MBytes are used in this document to mean size in MegaBytes. The use of Mb or Mbits (small b) indicates size in MegaBits. IB is used in this



### **20 Meters mellanox cable Active Fiber Cable 200Gb/S**

A: Yes, this versatile Active Optical Cable supports both InfiniBand HDR (200Gb/s) and 200Gb Ethernet protocols, providing flexibility for diverse data center



### **200Gb/s HDR QSFP56 MMF Active Optical Cable**

MFS1S00-HxxxE Mellanox® MFS1S00-HxxxE is a QSFP56 VCSEL-based (Vertical Cavity Surface-Emitting Laser) active optical cable (AOC) designed for use in 200Gb/s InfiniBand HDR systems. The



### **MFS1S00-HxxxV 200Gb/s QSFP56 MMF AOC Product**

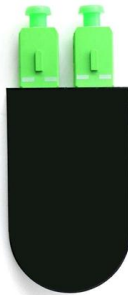
The NVIDIA® MFS1S00 is a QSFP56 VCSEL-based (Vertical Cavity Surface-Emitting Laser) active optical cable (AOC) designed for use in 200Gb/s InfiniBand





## 200G QSFP56 InfiniBand HDR Active Optical Cable

Call, chat, email or meet for Active Optical Cable (AOC) connectivity support. Save up to 90% while improving deliverability & interoperability.



## Mellanox Technologies Mellanox 200Gb/S HDR Qsfp56 Active Optical Cable

About this item Supports data transfer rate: 200 gigabits per second Connector type: Optical, Male-to-Male Specification met: IEEE 802.3cd, RoHS compliant Cable type: Fiber optic, Outer material:

## Contact Us

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For datasheets, pricing, or custom telecom energy solutions, please visit:  
<https://www.koskolong.co.za>