

Hybrid Passive Optical MPO to 8xLC Cable

Mellanox's hybrid MPO+ to 8x LC passive fiber cables are designed for 40Gb/s to 10Gb/s cable assemblies connections.

Connecting this optical cable to Mellanox QSFP and SFP+ modules provides connectivity between devices using a QSFP+ port on one end and multiple SFP+ ports on the other end. The cables use state-of-the-art signal processing technology to fill the expanding need for cost-effective data center interconnects. Through long range connections, MPO+ to 8x LC cables provides 40GbE systems the ability to connect to 10GbE switches or adapter cards.

Optimizing systems to operate with Mellanox's MPO+ to 8x LC passive fiber cables with Mellanox modules, significantly reduces power consumption and enlarges the connectivity opportunities of the system. Rigorous cable production testing ensures best out-of-the-box installation experience, performance and durability.

Mellanox optical solutions provide short, medium and long range scalability for all topologies, utilizing innovative optical technologies to enable extremely high signal integrity and reliability.



Table 1 - Cable Specifications and Ordering Information

Max. Reach [m] @ 40Gb/s	Part Number	Applications
5	MC6709309-005	Mellanox passive fiber hybrid cable, MPO to 8xLC, 5m
10	MC6709309-010	Mellanox passive fiber hybrid cable, MPO to 8xLC, 10m
20	MC6709309-020	Mellanox passive fiber hybrid cable, MPO to 8xLC, 20m
30	MC6709309-030	Mellanox passive fiber hybrid cable, MPO to 8xLC, 30m
50	MC6709309-050	Mellanox passive fiber hybrid cable, MPO to 8xLC, 50m

Table 2 - Environmental Conditions

Parameter	Range
Temperature	-10°C to 60°C
Relative Humidity	93 + - 2 %

Warranty Information

Mellanox hybrid MPO+ to 8x LC passive fiber cables include a 1 year limited hardware warranty, which covers parts repair or replacement.

Additional Information

For more information about Mellanox QSFP cable solutions, please contact your Mellanox Technologies sales representative or visit: <http://www.mellanox.com=>Products=>Cables=>Cables Overview>

© Copyright 2013. Mellanox Technologies. All rights reserved.
 Mellanox, BridgeX, ConnectX, CORE-Direct, InfiniBridge, InfiniHost, InfiniScale, MLNX-OS, PhyX, SwitchX, Virtual Protocol Interconnect and Voltaire are registered trademarks of Mellanox Technologies, Ltd. Connect-IB, CoolBox, FabricIT, Mellanox Federal Systems, Mellanox Software Defined Storage, MetroX, MetroDX, Mellanox Open Ethernet, Open Ethernet, ScalableHPC, Unbreakable-Link, UFM and Unified Fabric Manager are trademarks of Mellanox Technologies, Ltd. All other trademarks are property of their respective owners.