

ACTIVE OPTICAL CABLE

10G SFP+ DAC



FEATURE

- Support for multi-gigabit data rates up to 10.5Gbps
- Data rates backward compatible to 1Gbps
- Hot-pluggable SFP 20PIN footprint
- I/O Connector designed for high speed differential signal applications
- Improved Pluggable Form Factor(IPF) compliant for enhanced EMI/EMC performance
- Compatible to SFP+ MSA
- Temperature Range: 0~ 70 °C
- Comply with RoHS



APPLICATIONS

- High capacity I/O in Storage Area Networks, Network Attached Storage, and Storage Servers
- Switched fabric I/O such as ultra high bandwidth switches and routers
- Data center cabling infrastructure
- High density connections between networking equipment

OVERVIEW

The SFP+ passive cable assemblies are high performance, cost effective I/O solutions for 10G Ethernet and 10G Fiber Channel applications. SFP+ copper modules allow hardware manufactures to achieve high port density, configurability and utilization at a very low cost and reduced power budget. The high speed cable assemblies meet and exceed Gigabit Ethernet and Fiber Channel industry standard requirements for performance and reliability.

RECOMMENDED OPERATING CONDITIONS

Parameter	Symbol	Min	Max	Unit
Storage Ambient Temperature		-40	+85	°C
Operating Case Temperature	Tc	0	+70	°C

SYSTEMS

Performance	Media
10.5 Gbps line speed, full duplex Bit error rate: better than 10E-12	Hot-pluggable, industry-standard Small Form-Factor Pluggable(SFP+) copper cable, available as 1m,3m or 5m.

ORDER INFORMATION

PRODUCT	PART NUMBER
1 meter 10G SFP+ ActiveOptical Cable	MC-OPT-SFP+-AOC-1
3 meter 10G SFP+ ActiveOptical Cable	MC-OPT-SFP+-AOC-3
5 meter 10G SFP+ ActiveOptical Cable	MC-OPT-SFP+-AOC-5
7 meter 10G SFP+ ActiveOptical Cable	MC-OPT-SFP+-AOC-7
10G SFP+ Active Optical Cable up to 300m on OM3 MMF	MC-OPT-SFP+-AOC-SR

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