

10 Gbps Active Optical Cable

ET5402-AOC-xM



The ET5402-AOC-xM is a 3~100 m active optical cable with one SFP+ to one SFP+ 10G connectors. The active optical cables are 10G hot-pluggable cables that support Infiniband and Ethernet data transmission. The cables provide parallel interconnects—4 transmitting and 4 receiving data lanes—and support distances up to 100 meters. The active optical cables are composed of multi-channel optical transceivers at both ends and multimode fiber cable in between. This integrated optical module solution removes the complicated optical fiber interface and replaces it with a friendly and intuitive electrical-to-electrical interface. The ET5402-AOC-xM is designed to meet the requirements of high-speed, high-density, and low-power-consumption applications in today's data centers.

Key Features and Benefits

- Operating data rate up to 10.3125 Gb/s
- Fiber link up to 100 m
- Low power @ 800 mW typical
- Hot pluggable 20-pin connector
- All-metal housing for superior EMI performance
- Built in digital diagnostic functions
- SFF-8431, SFF-8432, SFF-8472
- Operating Case Temperature Range: 0 ~ 70°C
- Fully RoHS compliant

Applications

- 10G AOC SFP+
- High-performance computing clusters
- 10G Ethernet applications (10GbE)
- Servers, switches, storage and host card adapters (NIC)

Recommended Operating Conditions

Parameter	Symbol	Minimum	Maximum	Unit
Storage Temperature	Tst	0	85	°C
Case Operating Temperature	Topc	0	70	°C
Supply Voltage	Vcc	3.14	3.3	V
Relative Humidity	RH	5	85	%

Ordering Information

Model Number	Length	Region
ET5402-AOC-5M	5 M	All
ET5402-AOC-7M	7 M	All
ET5402-AOC-10M	10 M	All
ET5402-AOC-15M	15 M	All
ET5402-AOC-30M	30 M	All
ET5402-AOC-50M	50 M	All
ET5402-AOC-100M	100 M	All

Warranty

Please check www.edge-core.com for the warranty terms in your country.

For More Information

To find out more about Edgecore Networks Corporation products and solutions, visit www.edge-core.com.

About Edgecore Networks Corporation

Edgecore Networks Corporation is in the business of providing innovative network solutions. In the service provider network, in the data center or in the cloud, Edgecore Networks Corporation delivers the software and systems that transform the way the world connects. Edgecore Networks Corporation serves customers and partners worldwide. Additional information can be found at www.edge-core.com.

Edgecore Networks Corporation is a subsidiary of Accton Technology Corporation, the leading network ODM company. The Edgecore data center switches are developed and manufactured by Accton.

To purchase Edgecore Networks solutions, please contact your Edgecore Networks Corporation representatives at +886 3 563 8888 (HQ) or +1 (949)-336-6801 or authorized resellers.

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