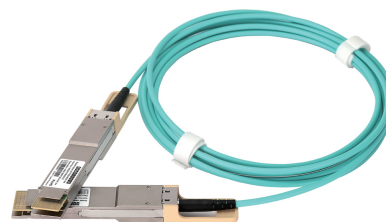


400 Gbps Active Optical Cable

ET7502-AOC-xM



The ET7502-AOC-xM is a 1-30 m active optical cable with one QSFP-DD to one QSFP-DD 400G connectors. The active optical cables are 400G hot pluggable cables that support Infiniband and Ethernet data transmission. The cables provide parallel interconnects—8 transmitting and 8 receiving data lanes—and support distances up to 30 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 ET7502-AOC-xM is designed to meet the requirements of high speed, high density, and low power consumption for applications in today's data centers.

Key Features and Benefits

- Single 3.3 V power supply
- QSFP-DD active optical modules
- Power dissipation < 10 W
- Up to 30 m over OM4
- 8 x 26.5625 GBd (PAM4) electrical interface
- VCSEL transmitter
- I2C standard management interface
- Excellent high-speed signal integrity
- Temperature range: 0~70°C
- RoHS compliant

Applications

- 400GBASE Ethernet
- High performance computing, server and data storage.

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	3.465	V
Relative Humidity	RH	5	85	%

Ordering Information

Model Number	Length	Region
ET7502-AOC-1M	1 M	All
ET7502-AOC-3M	3 M	All
ET7502-AOC-5M	5 M	All
ET7502-AOC-7M	7 M	All
ET7502-AOC-10M	10 M	All
ET7502-AOC-15M	15 M	All
ET7502-AOC-30M	30 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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