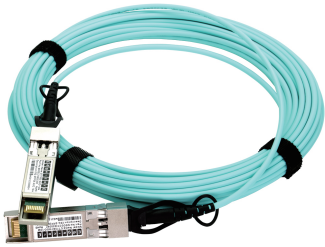


25 Gbps Active Optical Cable

ET7302-AOC-xM



The ET7302-AOC-xM is a 3~100 m active optical cable with one SFP28 to one SFP28 25G connectors. The active optical cables are 25G 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 ET7302-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

- Hot pluggable
- Bit rate support from 25G to 28GB/s
- Pre-terminated fiber cable
- Operating environment temperature: 0 ~ 70°C
- Maximum power consumption 1.0 W each terminal
- SFP28 housing with enhanced EMI shielding
- Single 3.3 V power supply
- Programmable EEPROM for serial identification
- Up to 70 m/100 m by active optical cable with OM3/OM4 fiber
- SFF-8472
- SFF-8432 Mechanical MSA
- RoHS complaint

Applications

- 25G Ethernet
- High capacity I/O with SFP28 interface
- Data center and in-rack connection

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
ET7302-AOC-5M	5 M	All
ET7302-AOC-7M	7 M	All
ET7302-AOC-10M	10 M	All
ET7302-AOC-15M	15 M	All
ET7302-AOC-30M	30 M	All
ET7302-AOC-50M	50 M	All
ET7302-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.

© Copyright 2021 Edgecore Networks Corporation. The information contained herein is subject to change without notice. This document is for informational purposes only and does not set forth any warranty, expressed or implied, concerning any equipment, equipment feature, or service offered by Edgecore Networks Corporation. Edgecore Networks Corporation shall not be liable for technical or editorial errors or omissions contained herein.