

ET7402-25AOC

3 m, 5 m, 7 m, 10 m 100G QSFP28 to 4 x 25G SFP28 Breakout Active Optic Cable



Product Overview

The ET7402-25AOC active optic cable is a high-speed, cost-effective 100 Gbps to 4 x 25 Gbps Ethernet connectivity solution designed to meet the growing need for more bandwidth in data centers. The cable connects data signals from each of the four fiber pairs on the QSFP28 end to the single pair on each of the SFP28 ends.

Key Features and Benefits

- Full-duplex and 25 Gbps per lane with maximum aggregate speed of 100 Gbps
- Selectable CDR retiming
- Programmable Tx input EQ and Rx output amplitude and pre-emphasis
- Designed to meet MSA of SFF-8665 (QSFP28), SFF-8402 (SFP28)
- Single 3.3 V power with low power of 2.5 W (QSFP28) and 0.8 W (SFP28)
- Support to 70/100 m via OM3/OM4
- Hot pluggable
- Single 3.3 V supply voltage
- Temperature Range: 0~70 °C
- RoHS compliant

Applications

- Data center cabling infrastructure
- High capacity I/O in storage area networks, network attached storage, and storage servers
- High-density connections between networking equipment
- Switched fabric I/O such as ultra high-bandwidth switches and routers

Key Features and Benefits

Recommended Operating Conditions

Parameter	Symbol	Minimum	Maximum	Unit
Storage Temperature	Tst	0	70	°C
Case Operating Temperature	Topc	0	70	°C
Supply Voltage	Vcc3	3.14	3.47	V
Relative Humidity	RH	5	85	%

Ordering Information

Model Number	Length	Region
ET7402-25AOC	3 m, 5 m, 7 m and 10 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.

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