

# QSFP28 (100G) AOC Cable

SKU#: ECX-QSFP28-AOC-XX-XXM

The Enconnex Active Optical Cable (AOC) cable offers customers a high-performance, low cost, less power consumption, and low latency connectivity option. This QSFP28 supports data rates of up to 100G. Each AOC cable is fully tested for compatibility and are MSA (Multi Source Agreement) compliant.

## PRODUCT APPLICATIONS

- 100GBASE-SR4 at 25.78125Gbps per lane
- InfiniBand QDR, EDR
- Other optical links

## PRODUCT FEATURES

- Support 100GBASE-SR4/EDR application
- Compliant to QSFP28 Electrical MSA SFF-8636
- Multi-rate of up to 25.78125Gbps
- +3.3V single power supply
- Low power consumption
- UL certification cables (optional)
- Operating case temp Commercial: 0°C to +70°C
- RoHS 6/6 compliant



Figure 1: QSFP28 (100G) AOC Cable

## SPECIFICATIONS

SKU	Description
ECX-QSFP28-AOC-XX-1M	Enconnex, QSFP28 (100G), Multimode, Active Optical Cable, [Manufacturer] Compatible, 1M
ECX-QSFP28-AOC-XX-2M	Enconnex, QSFP28 (100G), Multimode, Active Optical Cable, [Manufacturer] Compatible, 2M
ECX-QSFP28-AOC-XX-3M	Enconnex, QSFP28 (100G), Multimode, Active Optical Cable, [Manufacturer] Compatible, 3M
ECX-QSFP28-AOC-XX-5M	Enconnex, QSFP28 (100G), Multimode, Active Optical Cable, [Manufacturer] Compatible, 5M
ECX-QSFP28-AOC-XX-7M	Enconnex, QSFP28 (100G), Multimode, Active Optical Cable, [Manufacturer] Compatible, 7M
ECX-QSFP28-AOC-XX-10M	Enconnex, QSFP28 (100G), Multimode, Active Optical Cable, [Manufacturer] Compatible, 10M
ECX-QSFP28-AOC-XX-15M	Enconnex, QSFP28 (100G), Multimode, Active Optical Cable, [Manufacturer] Compatible, 15M
ECX-QSFP28-AOC-XX-20M	Enconnex, QSFP28 (100G) Multimode, Active Optical Cable, [Manufacturer] Compatible, 20M

## RECOMMENDED OPERATING CONDITIONS

Parameter	Symbol	Min	Typical	Maximum	Unit
Operating Temperature	Tc	0	-	+70	°C
Power Supply Voltage	Vcc	3.14	3.3	3.47	V
Power Dissipation	Pd	-	-	2.5	W
Bit Rate	BR	10.3125	25.78125	-	Gbps

