

QSFP28 (100G) to 4x SFP28 (25G) AOC Cable

SKU#: ECX-QSFP28-4SFP28-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.



Figure 1: QSFP28 (100G) to 4x SFP28 (25G) AOC Cable

PRODUCT APPLICATIONS

- 4x25Gbe-SR
- Other optical links

PRODUCT FEATURES

- Support 4x25GBASE-SR application
- Compliant to QSFP28 MSA SFF-8636 and SFP28 MSA SFF-8431 and SF-8472
- Multi-rate of up to 25.78125Gbps per lane
- +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

SPECIFICATIONS

SKU	Description
ECX-QSFP28-4SFP28-AOC-XX-1M	Enconnex, QSFP28 (100G) to 4x SFP28 (25G), Multimode, Active Optical Cable, [Manufacturer] Compatible, 1M
ECX-QSFP28-4SFP28-AOC-XX-2M	Enconnex, QSFP28 (100G) to 4x SFP28 (25G), Multimode, Active Optical Cable, [Manufacturer] Compatible, 2M
ECX-QSFP28-4SFP28-AOC-XX-3M	Enconnex, QSFP28 (100G) to 4x SFP28 (25G), Multimode, Active Optical Cable, [Manufacturer] Compatible, 3M
ECX-QSFP28-4SFP28-AOC-XX-5M	Enconnex, QSFP28 (100G) to 4x SFP28 (25G), Multimode, Active Optical Cable, [Manufacturer] Compatible, 5M
ECX-QSFP28-4SFP28-AOC-XX-7M	Enconnex, QSFP28 (100G) to 4x SFP28 (25G), Multimode, Active Optical Cable, [Manufacturer] Compatible, 7M
ECX-QSFP28-4SFP28-AOC-XX-10M	Enconnex, QSFP28 (100G) to 4x SFP28 (25G), Multimode, Active Optical Cable, [Manufacturer] Compatible, 10M
ECX-QSFP28-4SFP28-AOC-XX-15M	Enconnex, QSFP28 (100G) to 4x SFP28 (25G), Multimode, Active Optical Cable, [Manufacturer] Compatible, 15M
ECX-QSFP28-4SFP28-AOC-XX-20M	Enconnex, QSFP28 (100G) to 4x SFP28 (25G) 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