

JNP-QSFP28-AOC-5M | Juniper Compatible 100G QSFP28 AOC Cable Datasheet



The Juniper Networks JNP-QSFP28-AOC-5M Compatible QSFP28 Active Optical Cables are fiber assemblies with QSFP28 connectors designed for direct-attach connections over Multi-Mode Fiber (MMF). These AOCs comply with hot-pluggable QSFP28 MSA and RoHS-6 standards, ensuring compatibility and adherence to environmental regulations. By offering a cost-efficient alternative to discrete optical transceivers and patch cables, these AOCs are ideal for establishing 100Gbps connections within racks and adjacent racks. Active optical cables provide a lightweight and slim alternative to copper cables, simplifying cable management.

**Juniper JNP-QSFP28-AOC-5M
Compatible 100G QSFP28 AOC (5-meter,
QSFP28 to QSFP28).**



Form Factor QSFP28 to QSFP28	Data Rate 100Gbps
Minimum Bend Radius 30mm	Cable Length 5m (16.4ft)
Jacket Material OFNP	Cable Type Optical Cable
Receiver Type PIN	Transmitter Type VSCEL
Wavelength 850nm	Power Consumption <2.2W
MTBF ≈50 Million Hours	Power supply 3.3V
Commercial Temperature 0 to 70°C (32 to 158°F)	Protocols IEEE 802.3 bm, SFF-8665
Application 100G Ethernet	Juniper Compatible JNP-QSFP28-AOC-5M

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Connectivity Solutions

100G to 100G links for Switch to Switch



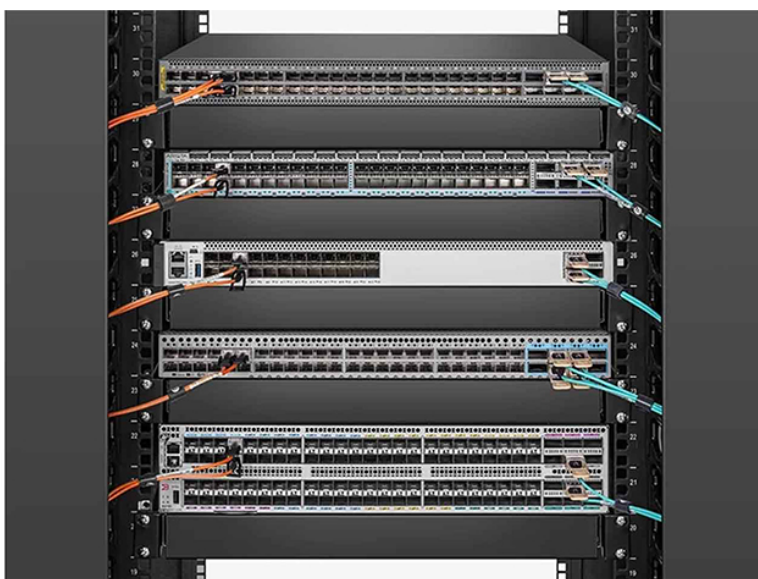
100G to 100G links to NIC



Features

Tested in Host Devices for Proven Interoperability

Every unit is quality tested for compatibility in the targeted switch environment, which guarantees flawless operations.



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100G Connectivity for Data Center

Featured with <2.2W low-power, high-density and high-speed, the QSFP28 transceiver offers a popular way to help you quickly ramp up to 100G transmission.



Compatible Switches and Routers:

- Juniper ACX5448
- Juniper ACX7100-32C
- Juniper ACX7100-48L
- Juniper ACX7509
- Juniper EX4300 Multigigabit
- Juniper EX4400
- Juniper EX4400 Multigigabit
- Juniper EX4400-48F
- Juniper EX4650-48Y
- Juniper EX9204
- Juniper EX9208
- Juniper EX9214
- Juniper EX9251
- Juniper EX9253
- Juniper MX204
- Juniper MX240
- Juniper MX480
- Juniper MX960
- Juniper MX2008
- Juniper MX2010
- Juniper MX2020
- Juniper MX10003
- Juniper MX10008
- Juniper MX10016
- Juniper PTX10001-36MR
- Juniper PTX1000
- Juniper PTX3000
- Juniper PTX5000
- Juniper PTX10002-60C
- Juniper PTX10003
- Juniper PTX10004
- Juniper PTX10008
- Juniper PTX10016
- Juniper QFX5110
- Juniper QFX5120-48Y
- Juniper QFX5120-32C
- Juniper QFX5130-32CD
- Juniper QFX5120-48T
- Juniper QFX5120-48YM
- Juniper QFX5200-32C
- Juniper QFX5210-64C
- Juniper QFX5220-32CD
- Juniper QFX5220-128C
- Juniper QFX5200-48Y
- Juniper QFX5700
- Juniper QFX10002
- Juniper QFX10008
- Juniper QFX10016
- Juniper QFX10002-60C
- Juniper SRX4600
- Juniper SRX5400
- Juniper SRX5600
- Juniper SRX5800

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