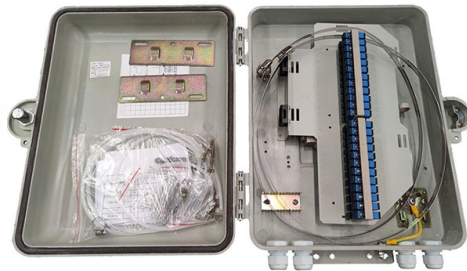


Singapore Active Optical Devices 100G



AI Overview

100G Active Optical Devices, including QSFP28 AOCs, CWDM4 modules, and breakout cables, provide high-speed, low-latency connectivity for data centers and enterprise networks in Singapore.

Types of 100G Active Optical Devices

- 1. QSFP28 Active Optical Cables (AOCs)** These are fiber assemblies with QSFP28 connectors designed for direct-attach connections over Multi-Mode Fiber (MMF). They are hot-pluggable, RoHS-compliant, and provide a cost-effective alternative to discrete optical transceivers and patch cables. FS.COM offers QSFP28 AOCs in lengths from 1m to 30m, suitable for rack-to-rack connections, with lifetime warranty and tested compatibility with mainstream brand switches.
- 2. 100G QSFP28 to 4x25G SFP28 Breakout AOCs** These cables allow a single 100G QSFP28 port to connect to four 25G SFP28 devices, ideal for connecting 100G switches to 25G servers or storage devices. They are lightweight, flexible, and optimized for high-density cabling environments, providing low-latency and energy-efficient data transmission.
- 3. 100G-CWDM4 Modules** CWDM4 modules, such as those available from Intel in Singapore, use coarse wavelength division multiplexing to transmit 100G over single-mode fiber. They are suitable for longer-distance links compared to MMF AOCs and come with a 180-day warranty, ensuring reliability and high-quality performance.
- 4. Cisco 100GBASE QSFP Modules** Cisco offers a portfolio of 100GBASE QSFP modules, including SR4 and SL4 variants. These modules support link lengths up to 70m over OM3 and 100m over OM4 multimode fiber (SR4), or 20-30m for short-link SL4 modules. They are hot-swappable, IEEE-compliant, and certified for high performance in data center and enterprise networks.

Key Considerations

Compatibility: Ensure the AOC or transceiver is compatible with your switch or server brand. FS.COM and Cisco provide tested compatibility information.

Distance and Fiber Type: MMF AOCs are ideal for short distances (up to 30m), while CWDM4 modules support longer single-mode fiber link...

Article Content

Customized 100G QSFP28 to 2 x 50G QSFP28 Active

The 100G QSFP28 to 2x50G QSFP28 Active Optical Breakout Cable operates over Multi-Mode Fiber (MMF). This breakout cable is compliant with SFF-8636,

Cisco QSFP-100G-AOC5M Compatible 100G QSFP28

The Cisco QSFP-100G-AOC5M Compatible QSFP28 Active Optical Cables are fibre assemblies with QSFP28 connectors designed for direct-attach connections over

Arista AOC-Q-Q-100G-7M 100G QSFP28 Active Optical Cable

Arista Networks AOC-Q-Q-100G-7M Compatible 100G QSFP28 AOC (7-meter, QSFP28 to QSFP28) The Arista Networks AOC-Q-Q-100G-7M Compatible QSFP28 Active Optical Cables are direct

2m Generic 100G Active Optical Cable, QSFP28 AOC Fiber Cable

Check Generic compatible 100G Active Optical Cable data sheet (AOC Cable, QSFP28 to QSFP28, 2-metres) and price list on FS , Lifetime Warranty, buy it now!

Active Optical Cables AOC SFP QSFP 10G 25G 100G

Pivotal Optics AOC cables deliver 10G-400G fiber performance up to 50m with low power draw and zero connector cleaning. OEM-compatible, TAA-compliant,

100GBASE QSFP-100G Modules Data Sheet

Hot-swappable input/output device that plugs into a 100G Gigabit Ethernet Cisco QSFP port. Interoperable with other IEEE-compliant 100GBASE

Arista AOC-Q-Q-100G-10M 100G QSFP28 Active

The Arista Networks AOC-Q-Q-100G-10M Compatible QSFP28 Active Optical Cables are fibre assemblies with QSFP28 connectors designed for direct-attach

1m Generic 100G Active Optical Cable, QSFP28 AOC Fiber Cable

100G QSFP28 AOC Cable (1-metre, QSFP28 to QSFP28) The Generic Compatible QSFP28 Active Optical Cables are fibre assemblies with QSFP28 connectors designed for direct-attach connections

15m(49.5ft) 100G QSFP28 Active Optical Cable

Check FS compatible 100G QSFP28 Active Optical Cable data sheet (15-metre, AOC, QSFP28 to QSFP28) and price list on FS , buy it now!

100G QSFP28 Active Optical Cables | AscentOptics

With lighter weight and smaller bend radius, the 100G QSFP28 AOC cables provide an ideal alternative solution for the 100G QSFP28 DAC (passive direct attach copper cables) and QSFP28 transceivers

Cisco QSFP-100G-AOC10M 10m 100G QSFP28 Active Optical Cable

Cisco QSFP-100G-AOC10M 10m Fibre Optic Active Optical Cable in Singapore. 100G QSFP28 to QSFP28 AOC, high-speed, low-latency, and energy-efficient for data centers and enterprise networks.

Brocade QSFP28-100G-AOC-3M 100G QSFP28 Active Optical Cable

The Brocade QSFP28-100G-AOC-3M Compatible QSFP28 Active Optical Cables are fibre assemblies with QSFP28 connectors designed for direct-attach connections over Multi-Mode

100G QSFP28 | Active Optical Cable (AOC)

Lightweight 100G QSFP28 AOC cables for long-distance, EMI-free InfiniBand interconnects. Energy-efficient and reliable.

3m Generic 100G Active Optical Cable, QSFP28 AOC

By offering a cost-efficient alternative to discrete optical transceivers and patch

1m Generic 100G Active Optical Cable, QSFP28 AOC Fiber Cable

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.

Single-Lambda 100G Pluggable Optics Solution

Overview When it comes to network deployment strategies, you may be accustomed to treating pluggable optics as an afterthought. But over the past

HW QSFP-100G-AOC3M 100G QSFP28 Active Optical Cable

HW QSFP-100G-AOC3M Compatible 100G QSFP28 AOC (3-meter, QSFP28 to QSFP28)
The HW QSFP-100G-AOC3M Compatible QSFP28 Active Optical Cables are fiber assemblies with QSFP28

Arista AOC-Q-Q-100G-3M 100G QSFP28 Active Optical Cable

Check Arista Networks AOC-Q-Q-100G-3M compatible 100G QSFP28 Active Optical Cable data sheet (3-meter, AOC, QSFP28 to QSFP28) and price list on FS , buy now!

Arista AOC-Q-Q-100G-3M 3m 100G QSFP28 to QSFP28 Active

Engineered with durable materials and advanced signal integrity, the AOC-Q-Q-100G-3M ensures low-latency, low-power consumption, and high-performance data transmission over a distance of 3 meters.

Cisco QSFP-100G-AOC30M 100G QSFP28 Active Optical Cable

Check Cisco QSFP-100G-AOC30M compatible 100G QSFP28 Active Optical Cable data sheet (30-metre, AOC, QSFP28 to QSFP28) and price list on FS , buy it now!

Cisco QSFP-100G-AOC7M Compatible 100G QSFP28 Active Optical

The Cisco QSFP-100G-AOC7M Compatible QSFP28 Active Optical Cables are fiber assemblies with QSFP28 connectors designed for direct-attach connections over Multi-Mode Fiber (MMF). These

100G QSFP28 InfiniBand EDR Active Optical Cable

QSFP-100G-AOCH cables are QSFP28 VCSEL-based (Vertical Cavity Surface-Emitting Laser) active optical cables designed for use in InfiniBand

100G QSFP28 AOC Cables | Active Optical Cables

With 4 full-duplex, independent data transmission and receiving channels, OptoSpan 100G AOC Cables achieve an aggregate data rate of 101.6 Gbps over 100

Contact Us

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