200Gbps QSFP56 ACTIVE OPTICAL CABLE

Browse on Mobile

🌐 Browse on Web

The QSFP56 AOC supports 212.5Gb/s PAM4 with a built-in 200G PAM4 DSP, 4-channel 850nm VCSEL, and PIN photodetector arrays. It features DDM, operates from 0 to 70ºC, and consumes <5W power with TDEC <4.9dB. RoHS-6 compliant and available in 1 to 100m lengths, it ensures high-speed, efficient data transmission.

FEATURES

- ✓ Supports 212.5Gb/s PAM4
- ✓ Digital Diagnostics Monitoring Interface
- ✓ Built-in 200G PAM4 DSP
- ✓ Available in lengths of 1 to 100 meters
- ✓ Hot PluggableQSFP56 form factor
- ✓ 4 channels 850nm VCSEL array
- ✓ 4 channels PIN photo detector array
- ✓ Commercial operating case temperature range: 0~ 70ºC
- ✓ RoHS-6 Compliant
- ✓ Power dissipation < 5 W
- ✓ TDEC<4.9dB

APPLICATIONS

- ✓ 200G Ethernet
- ✓ Data center
- ✓ InfiniBand QDR
- ✓ Fiber channel

STANDARDS

✓ IEEE 802.3cd 200GE SR4

✓ QSFP MSA compliant

✓ Compliant to SFF-8636

SPECIFICATIONS

Part Number	Package	Data Rate	Wavelength	Reach	TX	RX
NX-QPAOC-8G200-01-xx	QSFP56	200G	850nm	1m	VCSEL	PIN
NX-QPAOC-8G200-02-xx	QSFP56	200G	850nm	2m	VCSEL	PIN
NX-QPAOC-8G200-03-xx	QSFP56	200G	850nm	3m	VCSEL	PIN
NX-QPAOC-8G200-04-xx	QSFP56	200G	850nm	4m	VCSEL	PIN
NX-QPAOC-8G200-05-xx	QSFP56	200G	850nm	5m	VCSEL	PIN
NX-QPAOC-8G200-06-xx	QSFP56	200G	850nm	6m	VCSEL	PIN
NX-QPAOC-8G200-07-xx	QSFP56	200G	850nm	7m	VCSEL	PIN
NX-QPAOC-8G200-08-xx	QSFP56	200G	850nm	8m	VCSEL	PIN
NX-QPAOC-8G200-09-xx	QSFP56	200G	850nm	9m	VCSEL	PIN
NX-QPAOC-8G200-10-xx	QSFP56	200G	850nm	10m	VCSEL	PIN

ORDER INFORMATION

Part Number	Product Description
NX-QPAOC-8G200-01-xx	200Gbps QSFP56 Active Optical Cable, MMF 850nm 1m
NX-QPAOC-8G200-02-xx	200Gbps QSFP56 Active Optical Cable, MMF 850nm 2m
NX-QPAOC-8G200-03-xx	200Gbps QSFP56 Active Optical Cable, MMF 850nm 3m
NX-QPAOC-8G200-04-xx	200Gbps QSFP56 Active Optical Cable, MMF 850nm 4m
NX-QPAOC-8G200-05-xx	200Gbps QSFP56 Active Optical Cable, MMF 850nm 5m
NX-QPAOC-8G200-06-xx	200Gbps QSFP56 Active Optical Cable, MMF 850nm 6m
NX-QPAOC-8G200-07-xx	200Gbps QSFP56 Active Optical Cable, MMF 850nm 7m
NX-QPAOC-8G200-08-xx	200Gbps QSFP56 Active Optical Cable, MMF 850nm 8m
NX-QPAOC-8G200-09-xx	200Gbps QSFP56 Active Optical Cable, MMF 850nm 9m
NX-QPAOC-8G200-10-xx	200Gbps QSFP56 Active Optical Cable, MMF 850nm 10m

Notes

1. Where (01 = 1m, 02 = 2m, 10 = 10m etc.) denotes cable length in meters.
2. Where "xx" denotes compatibility short codes. (xx = CI for Cisco, xx = DL for DELL etc.)
3. Compatible Short codes are as follows:

Short codes	Value		Short codes	Value
CI	Cisco		HW	Huawei
ML	Mellanox		DK	D-Link
MK	Mikrotik		HC	H3C
JP	Juniper		CN	Ciena
BR	Brocade		EC	Edge-Core
DL	DELL		AL	Alcatel-Lucent
FT	Fortinet			