

Cisco QDD-400G-DR4-S Compatible
400GBASE-DR4 QSFP-DD PAM4
Optical Transceiver Module
(SMF, 1310nm, 500m, MTP/MPO,
DOM)



Product Specifications

Form Factor QSFP-DD	Data Rate 400Gbps
Wavelength* 1310nm	Cable Distance* 500m
Connector MTP/MPO-12 (APC)	Cable Type SMF
Transmitter Type DFB	Receiver Type PIN
TX Power -2.9~4.0dBm	RX Power -5.9~4.0dBm
Power Budget 3dB	Modulation 8x 50G PAM4
Power Consumption ≤10W	Extinction Ratio 3.5dB
DDM/DOM Yes	Commercial Temperature 0 to 70°C
DSP TX and RX	Inbuilt FEC No
Core Size 9/125um	Packaging Technology COB
Protocols IEEE 802.3bs, QSFP-DD MSA, CMIS 4.1	

* Lane Center Wavelengths Range 1304.5 - 1317.5nm.

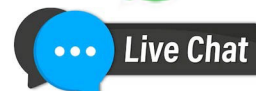
* Full 500m reach requires the use of FEC on the host platform.



Contact Us:

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Compatible Switches and Routers:

- Cisco 8000 Series Routers (8201-SYS)
- Cisco 8000 Series Routers (8202-SYS)
- Cisco 8000 Series Routers (8800-LC-36FH)
- Cisco 8000 Series Routers (8201-32FH)
- Cisco 8000 Series Routers (88-LC0-36FH-M)
- Cisco 8000 Series Routers (88-LC0-36FH)
- Cisco ASR 9000 Series (A9K-20HG-FLEX-SE)
- Cisco ASR 9000 Series (A9K-20HG-FLEX-TR)
- Cisco ASR 9000 Series (A9K-8HG-FLEX-SE)
- Cisco ASR 9000 Series (A9K-8HG-FLEX-TR)
- Cisco ASR 9000 Series (A9K-20HG-FLEX-FC)
- Cisco ASR 9000 Series (A9K-8HG-FLEX-FC)
- Cisco ASR 9000 Series (ASR-9903)
- Cisco ASR 9000 Series (A9903-20HG-PEC)
- Cisco ASR 9000 Series (A99-10X400GE-X-TR)
- Cisco ASR 9000 Series (A99-10X400GE-X-SE)
- Cisco Nexus 3000 Series (N3K-C3408-S)
- Cisco Nexus 3000 Series (N3K-C3432D-S)
- Cisco Nexus 9300 Series (N9K-C93600CD-GX)
- Cisco Nexus 9300 Series (N9K-C9316D-GX)
- Cisco Nexus 9300 Series (N9K-C9332D-GX2B)
- Cisco Nexus 9500 Series (N9K-X9716D-GX)
- Cisco Nexus 9500 Series (N9K-X9624D-R2)
- Cisco NCS 540 Series (N540-24Q8L2DD-SYS)
- Cisco NCS 5500 Series (NC57-24DD)
- Cisco NCS 5500 Series (NC57-18DD-SE)
- Cisco NCS 5500 Series (NCS-57B1-6D24H-S)
- Cisco NCS 5500 Series (NCS-57B1-5D24-SE)
- Cisco NCS 5500 Series (NC57-MPA-2D4H-S)

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