

400GBASE-LR4 QSFP-DD PAM4
Optical Transceiver Module
(SMF, 1310nm, 10km, LC, DOM)



Product Specifications

Form Factor QSFP-DD	Data Rate 400Gbps
Wavelength 1271nm, 1291nm, 1311nm, 1331nm	Cable Distance* 10km
Connector Duplex LC (UPC)	Cable Type SMF
Transmitter Type CWDM EML	Receiver Type PIN
TX Power -2.8~4.0dBm	RX Power -9.1~4.0dBm
Power Budget 6.3dB	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 G.652/9um	Packaging Technology COB
Protocols IEEE 802.3bs, QSFP-DD MSA, CMIS 4.1	

* Full 10km reach requires the use of FEC on the host platform.



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