

400GBASE-ER8 QSFP-DD PAM4 Optical Transceiver Module (SMF, 1310nm, 40km, LC, DOM)



Product Specifications

Form Factor QSFP-DD	Data Rate 400Gbps
Wavelength 1310nm	Cable Distance* 40km
Connector Duplex LC (UPC)	Cable Type SMF
Transmitter Type LWDM EML	Receiver Type APD
TX Power -0.6~5.6dBm	RX Power -16.1~-3.4dBm
Power Budget 15.5dB	Modulation 8x 50G PAM4
Power Consumption ≤10W	Extinction Ratio 6dB
DDM/DOM Yes	Commercial Temperature 0 to 70°C
DSP TX and RX	Inbuilt FEC No
Core Size G.652/9um	Packaging Technology BOX
Protocols IEEE 802.3cn, QSFP-DD MSA, CMIS 4.0	

* Channel insertion loss is 18dB for 40km.



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