

400G QSFP-DD FR4收发器是一个高性能、经济的模块，支持高达425Gbps的数据速率，设计用于在单模光纤上使用2公里长度的400千兆以太网。在发射机端，光发射机集成了4个CWDM EML激光器，中心波长分别为1271nm、1291nm、1311nm和1331nm。然后光信号通过工业标准LC连接器被复用成单模光纤。在接收端，四道光数据流被一个集成的光多路复用器光学复用，并转换为一个兼容CAUI-8的电输出驱动器。

The 400G QSFP-DD FR4 transceiver is a high-performance, cost-effective module supporting a data rate up to 425Gbps, designed for using in 400 Gigabit Ethernet of 2km link length on single mode fiber. On the transmitter side, the optical transmitter integrated with four CWDM EML lasers with center wavelengths of 1271nm, 1291nm, 1311nm and 1331nm. The optical signals are then multiplexed into a single-mode fiber through an industry standard LC connector. On the receiver side, four lanes of optical data streams are optically de-multiplexed by an integrated optical de-multiplexer and transformed to an electrical CAUI-8 compliant output driver.



标准产品/Standard Parts

序号 No.	名称 Name	型号 Model	速率 DR (Gbps)	发射 (类型) TX (Type)	接收 (类型) RX (Type)	发射最小 光功率 TX_Min (dBm)	发射最大 光功率 TX_Max (dBm)	接收最小 灵敏度 RX_Min (dBm)	接收最大 灵敏度 RX_Max (dBm)	功耗 Power Consumption (W)	距离 Reach (km)	温度范围 Temperature (°C)
1	400G QSFP DD FR4	RDDMC4FN	400	EML CWDM	PIN	-3.3	3.5	-7.3	3.5	<12	2	0~70