400G QSFP-DD DR4收发器是一个高性能、经济有效的模块，支持高达425Gbps的数据速率，设计用于在单模光纤上使用500m链路长度的400千兆以太网。在发射机方面，光学发射机集成了4个中心波长的EML激光器为1311nm。然后光信号通过工业标准MPO连接器耦合到阵列单模光纤。在接收端，四条光数据流被光耦合成PD阵列，并转换为符合CAUI-8标准的电气输出驱动器。串行EEPROM。

The 400G QSFP-DD DR4 transceiver is a high-performance, cost-effective module supporting a data rate up to 425Gbps, designed for using in 400 Gigabit Ethernet of 500m link length on single mode fiber. On the transmitter side, the optical transmitter integrated with four EML lasers with center wavelengths of 1311nm. The optical signals are then coupled into array single-mode fiber through an industry standard MPO connector. On the receiver side, four lanes of optical data streams are optically coupled into PD array and transformed to electrical CAUI-8 compliant output drivers. A serial EEPROM.

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 DR4	RDPM13PN	400	1310nm EML	PIN	-2.9	4	-5.9	4	<12	0.5	0~70