Base Part Number   QSFP28-ER4L

Product Features

- **Form Factor**   QSFP28
- **Speed**   103 Gbps
- **Distance**   40km
- **Operating Temperature** Commercial: 0°C to +70°C
- **Connector**   Duplex LC
- **Fiber Type**   SMF

Brand Compatibility

OEM Equivalent Part Number

Applications

● Transmission length up to 40km with FEC

● Transmission length up to 30km W/0 FEC

● 100Gigabit Ethernet (100GbE) & ITU-T G.959.1 4L1-9D1F Dual Rate Transceiver

● 103.125 & 111.810 Gbit/s Dual Rate Capability

Key Specifications

Part Type	Max Data Rate	Fiber Type	Transmitter	Output Power	Receiver Sensitivity	Power Supply	Power Dissipation	DDM
QSFP28-ER4L	25.78 Gbps per lane	SMF	1310nm DFB	0.5 to 6.5dBm	-16.7dBm	3.3V	5W	Yes

Compliance

- MSA, SFF-8665, SFF-8636

Qualifications and Testing

- **Manufacturer:** OEM equivalent part; designed, tested, fabricated to supplier specifications following ISO certified processes. RoHS compliant & class 1 laser certified.

- **Supplier:** 100% compatibility tested in the listed brands.

- **Order:** All parts are tested for traffic functionality per supported layer 2/3 protocol, DOM/DDM threshold and calibration, EEPROM MSA value verification, serial number verification & optical cleanliness.

Warranty

- 3 years replacement warranty.