

Base Part Number **QSFP28-ER4**

Product Features

- **Form Factor** QSFP28 MSA compliant
- **Speed** 100G
- **Distance** Up to 40km transmission on single mode fiber without FEC
- **Operating Temperature** Commercial: 0°C to +70°C
- **Connector** Duplex LC



Brand Compatibility

OEM Equivalent Part Number

Applications

- 100G Ethernet
- Telecom networking
- Data Center Interconnect

Key Specifications

Part Type	Max Data Rate	Fiber Type	Transmitter	Output Power	Receiver Sensitivity	Power Supply	Power Consumption	DDM
QSFP28-ER4	25.78 Gbps per lane	SMF	4 LAN-WDM lanes	4.9 to 8.9dBm	-20.9dBm	3.3V	6.5W (max)	Yes

Compliance

- RoHS 2.0 compliant

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.