

QSFP28-100G-ZR4-LP 80km Optical Transceiver Module

Product Features

- **Form Factor** QSFP28 MSA compliant
- **Speed** 100G
- **Reach** Up to 80km transmission
40km without FEC
- **Power Budget** 30dB
- **Operating Temperature** Commercial: 0°C to +70°C
- **Connector** Duplex LC
- **Hot Pluggable QSFP28 38 pin electrical interface**



Brand Compatibility

Ciena, Cisco

Applications

- 100G Ethernet
- Telecom networking
- Data Center Interconnect.

OEM Equivalent Part Number

Ciena XCVR-Q80V31, Cisco QSFP-100G-ZR4-S

Key Specifications

Part Type	Max Data Rate	Fiber Type	Transmitter	Output Power	Receiver Sensitivity	Power Supply	Power Consumption	DDM
ND-XXX-QSFP28-ZR4-100G	100Gbps	SMF	4 LAN-WDM lanes	8 to 12.5dBm*	-28dBm	3.3V	5.5W (max)	Yes

*Total Average Launch Power

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.