

3000km 100G Coherent CFP-DCO Optical Transceiver Module

Product Features

- **Form Factor** CFP
- **Speed** 100G support PM-DQPSK & PM-QPSK Modulation
- **Channel Spacing** ITU-T 50GHz channel spacing
- **Reach** beyond 3000km for 100G over SMF
- **Operating Temperature** Commercial: 0°C to +70°C
- **Connector** Duplex LC
- **Hot Pluggable**



Brand Compatibility

OEM Equivalent Part Number

Applications

- Transmission over DWDM links in long haul networks
- OTU4

Key Specifications

Part Type	Max Data Rate	Fiber Type	Transmitter	Output Power	Receiver Sensitivity	Power Supply	Power Consumption	DDM
ND-O-TP48-CFP-DCO-100G	100Gbps	SMF	191.3 THz - 196.1 THz	-10 to 4dBm (tunable) -5 to -1dBm (non-tunable)	-21dBm	3.3V	32W (max)	Yes

Compliance

- Compliant to CFP MSA Hardware Specification 1.4 with modifications
- Compliant to CFP MSA Management Interface Specification 2.2 with modifications
- Compliant OTL4.10/OTL4.4 interface

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.