

# Huawei OSX040N01 Optical Transceiver, SFP+, 10G, Single-mode Module (1550nm, 40km, LC)

## Basic Information

Module name: OSX040N01

Part Number: 02310CNF

Model: OSX040N01

Form factor: SFP+

Application standard/Type: 10GBASE-ER

Connector type: LC

Optical fiber type: SMF

Type of the end face of the fiber ceramic ferrule: PC or UPC

Working case temperature [°C (°F)]: 0°C to 70°C (32°F to 158°F)

Transmission rate [bit/s]: 10Gbit/s

Target transmission distance [km]: Single-mode fiber (G.652) (with diameter of 9 μm): 40 km

## Transmitter Optical Characteristics

Center wavelength [nm]: 1550 nm

Maximum Tx optical power (AVG) [dBm]: 4.0 dBm

Minimum Tx optical power (AVG) [dBm]: -4.7 dBm

Minimum extinction ratio [dBm]: 3.0 dBm

## Receiver Optical Characteristics

Rx sensitivity (OMA) [dBm]: -14.1 dBm

Overload power (AVG) [dBm]: -1.0 dBm