

# Huawei 02313NUG Datasheet



Huawei 02313NUG QSFP-40G-LX4-MM Optical Transceiver, QSFP+, 40GE, Multi-mode, 1310nm, 0.15km, LC

02313NUG

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QSFP-40G-LX4-MM

## Basic Information

- Module name: QSFP-40G-LX4-MM
- Part Number: 02313NUG
- Model: QSFP-40G-LX4-MM
- Form factor: QSFP+
- Application standard/Type: 40GBASE-LX4
- Connector type: LC
- Optical fiber type: MMF
- 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]: 40Gbit/s
- Target transmission distance [km]:
  - Multimode OM3 optical fiber (diameter: 50 μm): 150 m
  - Multimode OM4 optical fiber (diameter: 50 μm): 150 m
- Overfilled Launch Bandwidth [MHz\*km]:

- Multimode (OM3) optical fiber: 500 MHz\*km
- Multimode (OM4) optical fiber: 500 MHz\*km

#### Transmitter Optical Characteristics

- Center wavelength [nm]: 1271 nm, 1291 nm, 1311 nm, 1331 nm
- Maximum Tx optical power (AVG) [dBm]: 2.3 dBm
- Minimum Tx optical power (AVG) [dBm]: -7.0 dBm
- Minimum extinction ratio [dB]: 3.5 dB

#### Receiver Optical Characteristics

- Rx sensitivity (OMA) [dBm]: -10.5 dBm
- Overload power (AVG) [dBm]: 3.5 dBm

For more information of this Huawei 02313NUG, please visit Huawei website:

<https://support.huawei.com/enterprise/en/doc/EDOC1000013855/1de0fd18/40ge-qsf-p-optical-modules>

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