

# Huawei 02318169 Datasheet



Huawei OMXD30000 Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm, 0.3km, LC)

02318169

02318169 - Genuine Huawei OMXD30000 Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm, 0.3km, LC)

## Basic Information

- Module name: OMXD30000
- Part Number: 02318169
- Model: OMXD30000
- Form factor: SFP+
- Application standard/Type: 10GBASE-SR
- 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]: 10Gbit/s
- Target transmission distance [km]:
  - Multimode fiber (with diameter of 62.5 μm): 26 m
  - Multimode fiber (OM1) (with diameter of 62.5 μm): 33 m
  
  - Multimode fiber (with diameter of 50 μm): 66 m
  
  - Multimode fiber (OM2) (with diameter of 50 μm): 82 m
  
  - Multimode fiber (OM3) (with diameter of 50 μm): 300 m

- Multimode fiber (OM4) (with diameter of 50  $\mu\text{m}$ ): 400 m
- Modal bandwidth [MHz\*km]:
  - Multimode fiber: 160 MHz\*km
  - Multimode fiber (OM1): 200 MHz\*km
  - Multimode fiber: 400 MHz\*km
  - Multimode fiber (OM2): 500 MHz\*km
  - Multimode fiber (OM3): 2000 MHz\*km
  - Multimode fiber (OM4): 4700 MHz\*km

#### Transmitter Optical Characteristics

- Center wavelength [nm]: 850 nm
- Maximum Tx optical power (AVG) [dBm]: -1.0 dBm
- Minimum Tx optical power (AVG) [dBm]: -7.3 dBm
- Minimum extinction ratio [dBm]: 3.0 dBm

#### Receiver Optical Characteristics

- Rx sensitivity (OMA) [dBm]: -11.1 dBm
- Overload power (AVG) [dBm]: -1.0 dBm

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