

# Huawei 02310MNW Datasheet



Huawei SFP-10G-USR 10GBase-USR Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm, 0.1km, LC)

02310MNW

02310MNW - Genuine Huawei SFP-10G-USR 10GBase-USR Optical Transceiver, SFP+, 10G, Multi-mode Module (850nm, 0.1km, LC)

## Basic Information

- Module name: SFP-10G-USR
- Part Number: 02310MNW
- Model: SFP-10G-USR
- Form factor: SFP+
- Application standard/Type: 10GBASE-USR
- Connector type: LC
- Optical fiber type: MMF
- 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 (OM2) (with diameter of 50 μm): 30 m
  - Multimode fiber (OM3) (with diameter of 50 μm): 100 m
  - Multimode fiber (OM4) (with diameter of 50 μm): 150 m
- Modal bandwidth [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]: -10.7 dBm
- Overload power (AVG) [dBm]: 0.5 dBm

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