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Overview

Optical Transceiver, CX600, CX6M0X1080, Optical Transceiver (SFP+, 1550nm, 9.953~10.3125Gb/s, 0~-4dBm, -24dBm, LC, SM, 80km)

Quick Specification

Table 1 shows the Quick Specs.

| | |
|--------------------------------------|--|
| Model | OSX080N03 |
| Part Number | 02310PVT |
| Description | Optical Transceiver, CX600, CX6M0X1080, Optical Transceiver (SFP+, 1550nm, 9.953~10.3125Gb/s, 0~-4dBm, -24dBm, LC, SM, 80km) |
| Level-1 category | 10Gbps SFP+ Optical Module |
| Connector type | LC |
| Optical fiber type | SMF |
| Form factor | SFP+ |
| Transmission rate [bit/s] | 9.953 Gbit/s 10.3125 Gbit/s |
| Target transmission distance [km] | 80 km |
| Application standard/Type | IEEE 802.3ae, 10GBASE-ZR/ZW |
| Working case temperature [°C(°F)] | 0°C to 70°C (32°F to 158°F) |
| Center wavelength [nm] | 1550 nm |
| Overload power (AVG) [dBm] | -7 dBm |
| Maximum Tx optical power (AVG) [dBm] | 4 dBm |
| Minimum Tx optical power (AVG) [dBm] | 0 dBm |
| Minimum extinction ratio [dB] | 9 dB |
| Rx sensitivity (AVG) [dBm] | -24 dBm |

Figure 1 shows the appearance.





Get More Information

Do you have any question about the OSX080N03 (02310PVT)?

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Specification

| OSX080N03 Specification | |
|--------------------------------------|---|
| Basic Information | |
| Model | OSX080N03 |
| Part Number | 02310PVT |
| Description | Optical Transceiver, CX600, CX6M0X1080, Optical Transceiver (SFP+, 1550nm, 9.953~10.3125Gb/s, 0~4dBm, -24dBm, LC, SM, 80km) |
| Level-1 category | 10Gbps SFP+ Optical Module |
| Module name | 10Gbps-SFP+-SMF-1550nm-80km-commercial |
| Form factor | SFP+ |
| Application standard | IEEE 802.3ae, 10GBASE-ZR/ZW |
| Connector type | LC |
| Optical fiber type | SMF |
| Bit error ratio (BER) | <1x10E-12 |
| Working case temperature [°C(°F)] | 0°C to 70°C (32°F to 158°F) |
| DDM options | SFF-8472 |
| Environment standard | RoHS |
| Security standard | FCC Class B, IEC 60825-1 Class 1 |
| ESD(HBM1) [V] | 500 |
| Transmission rate [bit/s] | 9.953 Gbit/s 10.3125 Gbit/s |
| Target transmission distance [km] | 80 km |
| Transmitter Optical Characteristics | |
| Center wavelength [nm] | 1550 nm |
| Tx operating wavelength range [nm] | 1530 nm - 1565 nm |
| Maximum Tx optical power (AVG) [dBm] | 4 dBm |
| Maximum Tx optical power (OMA) [dBm] | - |
| Minimum Tx optical power (AVG) [dBm] | 0 dBm |
| Minimum Tx optical power (OMA) [dBm] | - |



| | |
|---|--|
| Minimum extinction ratio [dB] | 9 dB |
| Receiver Optical Characteristics | |
| Rx operating wavelength range [nm] | 1260 nm - 1565 nm |
| Rx sensitivity (AVG) [dBm] | -24 dBm |
| Rx sensitivity (OMA) [dBm] | - |
| Overload power (AVG) [dBm] | -7 dBm |
| Overload power (OMA) [dBm] | - |
| Others | |
| Note | The interface standard is Huawei-specific. Self-loop is not supported. An optical attenuator must be added if self-loop is required. |

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