

Alcatel-Lucent 1AB376720003 Datasheet



Alcatel-Lucent 1AB376720003 GbE-ZX S1:1 SDH1662/1660SM 1000BASE-ZX SFP Optical Module

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This Alcatel-Lucent 1AB376720003 transceiver uses a high-quality DFB Laser transmitter operating at 1550 nm nominal wavelength and a 1550 nm PIN Photodiode receiver. This module supports DDM/DOM optical diagnostics and provides diagnostic data about the current operating conditions. This module has a Double LC connector and module is designed for operation in standard temperature networking environments ranging from 0°-70°C. The transceiver chipset supports data rates ranging from 1.063-1.25Gbps and such applications as Gigabit Ethernet (1.25 Gbps), 1G Fiber Channel (1.0625 Gbps).

Specifications

- Media Type: Single-Mode Fiber (SMF)
- TX Wavelength: 1550 nm.
- RX Wavelength: 1550 nm.
- Minimum Optical Budget: 24 dB
- Maximum Distance: 80km
- Supported Data Rate: 1.063-1.25Gbps
- Supported Applications: Gigabit Ethernet (1.25 Gbps), 1G Fiber Channel (1.0625 Gbps)
- DDM/DOM: Support
- Temperature Range: Standard 0°-70°C
- Connectors: Double LC
- Tx Wavelength Bandwidth: 37 nm (1528-1565 nm)

- Rx Wavelength Bandwidth: 37 nm (1528-1565 nm)
- Minimum Transmitting Power: 0 dB
- Maximum Transmitting Power: 5 dB
- Receiver Sensitivity: -24 dBm
- Receiver Overload: -3 dBm
- Dispersion: 1600 ps/nm
- Transmitter Type: DFB Laser
- Receiver Type: PIN photodiode
- Power: +3.3V single power supply
- Compliance: CE, Class 1 FDA and IEC60825-1 Laser Safety Compliant, INF-8074i, RoHS, SFP MSA
- Form Fact: SFP

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