

# IBM 44X1964 Datasheet



IBM 44X1964 44X1976 77P8504 8 Gb SFP+ SW Optical Transceiver

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This IBM 44X1964 SFP+ transceiver provides a high-performance pluggable module for 8Gb Fibre Channel-SW applications, which provides links up to 300m over OM3 multimode fiber. It has been programmed and tested to ensure works with a wide range of IBM network equipment such as SAN switches, routers, network interface cards (NICs) and other storage networking equipments.

## Features

- Genuine IBM 44X1964
- Up to 8.5 Gbps Bi-directional Data Links
- 850nm VCSEL transmitter, PIN photo-detector
- Duplex LC connector
- Metal enclosure, for lower EMI
- Build-in Digital Diagnostics Monitoring (DDM) through Serial Interface comply with SFF-8472
- Single 3.3V power supply
- RoHS compliant and Lead-free

## Specifications

- Part Numbers: 44X1964, 44X1976, 77P8504

- Form Factor: SFP+
- Data Rate: 8Gb/s
- Wavelength: 850 nm
- Fiber Type: MMF
- Max Distance: 300 m
- Optical Components: VCSEL/PIN
- Transmitter Power: -6 ~ -1 dBm
- Extinction ratio: > 3.5 dB
- Receiver Sensitivity: < -10 dBm
- Receiver Overload: > 0.5 dBm
- Connector: LC Duplex
- Digital Diagnostic Monitoring: Yes
- Environment
  - Operating: 0°C to 70°C
  - Storage: -40°C to 85°C
- Weight 0.03 kg

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