

# HPE J9143B Datasheet



HPE J9143B X122 1G SFP LC BX-U Transceiver

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The HPE J9143B SFP transceiver provides up to 10km of 1000Base-BX throughput over single-mode fiber (SMF) using 1310nm-TX/1490nm-RX wavelengths via LC simplex connectors. This bi-directional unit must be used with another transceiver or network equipment of complementary wavelengths. It provides 1000BASE Ethernet connectivity options for Fast Ethernet, Telecom and Data Centers.

## Specifications

- Brand: HPE
- Part Number: J9143B
- Form Factor: SFP
- Max Data Rate: 1000Mbps
- Wavelength: 1310nm-TX/1490nm-RX
- Max Cable Distance: 10km (6.21 miles)
- Connector: Simplex LC
- Optical Components: DFB BiDi
- Media: SMF
- Fiber diameter (  $\mu$ m): 9/125
- DOM Support: Yes
- TX Power: -9~-3dBm
- Receiver Sensitivity: < -23dBm

- Commercial Temperature Range: 0 to 70°C (32 to 158°F)

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