QuickSpecs

Overview

Models

HP X122 1G SFP LC BX-D Transceiver HP X122 1G SFP LC BX-U Transceiver

J9142B

J9143B



QuickSpecs

Technical Specifications

pluggable (SFP) Gigabit-

"downstream" transceiver that provides a full-duplex

Gigabit solution up to 10

km on one strand of

J9143B "upstream"

BX10-U ("upstream")

device.

single-mode fiber. The

J9142B connects to the

transceiver, or to any IEEEstandard 1000BASE-

pluggable (SFP) Gigabit-

"upstream" transceiver that Environment

BX (bi-directional)

provides a full-duplex

km on one strand of

single-mode fiber. The

J9143B connects to the

transceiver, or to any IEEEstandard 1000BASE-

J9142B "downstream"

BX10-D ("downstream")

Gigabit solution up to 10

BX (bi-directional)

HP X122 1G SFP LC BX-1 LC 1000BASE-BX10 port (IEEE 802.3ah Type 1000BASE-BX10-D); **Ports**

D Transceiver (J9142B) Duplex: full only

Environment

Physical characteristics **Dimensions** $2.19(d) \times 0.54(w) \times 0.46(h)$ in. $(5.57 \times 1.37 \times$ A small form-factor

1.18 cm)

Weight 0.04 lb. (0.02 kg)

> Operating temperature 32°F to 158°F (0°C to 70°C) Operating relative 0% to 95%, non-condensing

> > humidity

Non-operating/ -40°F to 185°F -40°C to 85°C)

Storage temperature

Cabling Type: Single-mode fiber optic, complying with ITU-T G.652;

Maximum distance:

• 0.5-10,000 m (single-mode fiber)

Notes Transmit wavelength: 1490 nm. Receive wavelength: 1310 nm.

Power consumption is 1 watt maximum.

For supported platforms and minimum software requirements to support this product, see the document titled "Support for the HP BX Transceivers" on the

"HP Mini-GBICs and SFPs" Manuals Web page.

The J9142B connects to the J9143B "upstream" transceiver, or to any IEEEstandard 1000BASE-BX10-U ("upstream") device. (A 1000-BX-D transceiver can only connect to a 1000-BX-U product. You cannot connect two 1000-

BX-D transceivers together.)

Services Refer to the HP website at www.hp.com/networking/services for details on

> the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales

office.

HP X122 1G SFP LC BX-**Ports** 1 LC 1000BASE-BX10 port (IEEE 802.3ah Type 1000BASE-BX10-U);

U Transceiver (J9143B) Duplex: full only

Physical characteristics **Dimensions** $2.19(d) \times 0.54(w) \times 0.46(h)$ in. $(5.57 \times 1.37 \times$ A small form-factor

1.18 cm)

Weight 0.04 lb. (0.02 kg)

> 32°F to 158°F (0°C to 70°C) Operating temperature Operating relative 0% to 95%, non-condensing

> > humidity

Non-operating/ -40°F to 185°F -40°C to 85°C)

Storage temperature

Maximum distance:

Cabling

Single-mode fiber optic, complying with ITU-T G.652;

• 0.5-10,000 m (single-mode fiber)

device.

QuickSpecs

Technical Specifications

Notes Transmit wavelength: 1310 nm. Receive wavelength: 1490 nm.

For supported platforms and minimum software requirements to support this product, see the document titled "Support for the HP BX Transceivers" on the

"HP Mini-GBICs and SFPs" Manuals Web page.

The J9143B connects to the J9142B "downstream" transceiver, or to any IEEE-standard 1000BASE-BX10-D ("downstream") device. (A 1000-BX-U transceiver can only connect to a 1000-BX-D product. You cannot connect

two 1000-BX-U transceivers together.)
Power consumption is 1 watt maximum.

Services Refer to the HP website at www.hp.com/networking/services for details on

the service-level descriptions and product numbers. For details about services and response times in your area, please contact your local HP sales

office.

To learn more, visit www.hp.com/networking

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