

Overview

Features and benefits

Warranty and support

- **ProCurve Lifetime Warranty:** for as long as you own the product, with next-business-day advance replacement (available in most countries)
 - **Electronic and telephone support:** limited electronic and telephone support is available from HP; refer to the HP Web site at www.procurve.com/support for details on the support provided and the period during which support is available
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Models

HP ProCurve 1000-BX-D SFP-LC Mini-GBIC

J9142B

HP ProCurve 1000-BX-U SFP-LC Mini-GBIC

J9143B

Technical Specifications

HP ProCurve 1000-BX-D Ports SFP-LC Mini-GBIC (J9142B)

A small form-factor pluggable (SFP) Gigabit-BX (bi-directional) "downstream" transceiver that provides a full-duplex Gigabit solution up to 10 km on one strand of single-mode fiber. The J9142B connects to the J9143B "upstream" transceiver, or to any IEEE-standard 1000BASE-BX10-U ("upstream") device.

Physical characteristics

Environment

Cabling

Notes

Services

1 LC 1000BASE-BX10 port (IEEE 802.3ah Type 1000BASE-BX10-D);
Duplex: full only

Dimensions

2.71 (d) x 0.54 (w) x 0.55 (h) in. (6.88 x 1.37 x 1.4 cm)

Weight: 0.06 lb. (0.03 kg)

Operating temperature

32°F to 158°F (0°C to 70°C)

Operating relative humidity

0% to 95%, non-condensing

Non-operating/ Storage temperature

–40°F to 185°F –40°C to 85°C)

Type:

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

Maximum distance:

- 0.5-10,000 m (single-mode fiber)

For supported platforms and minimum software requirements to support this product, see the document titled "Support for the HP ProCurve BX Transceivers" on the "ProCurve Mini-GBICs and SFPs" Manuals Web page. The J9142B connects to the J9143B "upstream" transceiver, or to any IEEE-standard 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.)

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

Refer to the HP Web site at www.procurve.com/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 ProCurve 1000-BX-U Ports SFP-LC Mini-GBIC (J9143B)

A small form-factor pluggable (SFP) Gigabit-BX (bi-directional) "upstream" transceiver that provides a full-duplex Gigabit solution up to 10 km on one strand of single-mode fiber. The J9143B connects to the J9142B "downstream" transceiver, or to any IEEE-standard 1000BASE-BX10-D ("downstream") device.

Physical characteristics

Environment

Cabling

Notes

1 LC 1000BASE-BX10 port (IEEE 802.3ah Type 1000BASE-BX10-U);
Duplex: full only

Dimensions

2.19 (d) x 0.54 (w) x 0.46 (h) in. (5.57 x 1.37 x 1.18 cm)

Operating temperature

32°F to 158°F (0°C to 70°C)

Operating relative humidity

0% to 95%, non-condensing

Non-operating/ Storage temperature

–40°F to 185°F –40°C to 85°C)

Type:

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

Maximum distance:

- 0.5-10,000 m (single-mode fiber)

For supported platforms and minimum software requirements to support this product, see the document titled "Support for the HP ProCurve BX Transceivers" on the "ProCurve Mini-GBICs and SFPs" Manuals Web page. The J9143B connects to the J9142B "downstream" transceiver, or to any

Technical Specifications

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.)

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

Services

Refer to the HP Web site at www.procurve.com/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.

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