

ProCurve Mini-GBICs and SFPs



ProCurve Gigabit-SX-LC Mini-GBIC (J4858C)

Ports

1 LC 1000Base-SX port (IEEE 802.3z Type 1000Base-SX)
Duplex: full only

Physical characteristics

Dimensions (D x W x H): 5.69 x 1.37 x 1.23 cm
(2.24 x 0.54 x 0.486 in.)
Weight: 0.02 kg (0.04 lb.)

Cabling

Type: 62.5/125 µm or 50/125 µm (core/cladding) diameter, graded-index, low metal content, multimode fiber-optic, complying with ITU-T G.651 and ISO/IEC 793-2 Type A1b or A1a, respectively

Maximum distance:

- 220 m (62.5 µm core diameter, 160 MHz/km bandwidth)
- 275 m (62.5 µm core diameter, 200 MHz/km bandwidth)
- 500 m (50 µm core diameter, 400 MHz/km bandwidth)
- 550 m (50 µm core diameter, 500 MHz/km bandwidth)

ProCurve Gigabit-LX-LC Mini-GBIC (J4859C)

Ports

1 LC 1000Base-LX port (IEEE 802.3z Type 1000Base-LX)
Duplex: full only

Physical characteristics

Dimensions (D x W x H): 5.69 x 1.37 x 1.23 cm (2.24 x 0.54 x 0.486 in.)
Weight: 0.02 kg (0.04 lb.)

Cabling

Type: either single-mode or multimode

- Low metal content, single-mode fiber-optic, complying with ITU-T G.652 and ISO/IEC 793-2 Type B1
 - 62.5/125 µm or 50/125 µm (core/cladding) diameter, graded-index, low metal content, multimode fiber-optic, complying with ITU-T G.651 and ISO/IEC 793-2 Type A1b or A1a, respectively (a mode conditioning patch cord may be needed in some multimode fiber installations)
- Maximum distance: 10 km (single mode) or 550 m (multimode)

ProCurve Gigabit-LH-LC Mini-GBIC (J4860C)

Ports

1 LC 1000Base-LH port (no IEEE standard exists for 1550 nm optics)
Duplex: full only

Physical characteristics

Dimensions (D x W x H): 5.50 x 1.53 x 1.18 cm
(2.167 x 0.604 x 0.463 in.)
Weight: 0.02 kg (0.04 lb.)

Cabling

Type: low metal content, single-mode fiber-optic, complying with ITU-T G.652 and ISO/IEC 793-2 Type B1
Maximum distance: 70 km

Used with the following

ProCurve 9300 EP 16-Port Mini-GBIC Module (J4894A)

ProCurve 9300 EP 8-Port Mini-GBIC Redundant Management Module (J4885A)

ProCurve Switch fl 10-Port Mini-GBIC Interface Module (J8735A)

ProCurve Switch 6200yl-24G-mGBIC (J8992A)

ProCurve Switch 6108 (J4902A)

ProCurve Switch zl 24-Port Mini-GBIC Module (J8706A)

ProCurve Switch zl 20-Port 10/100/1000 + 4-Port Mini-GBIC Module (J8705A)

ProCurve Switch 5308xl-48G (J8167A)

ProCurve Switch 5304xl-32G (J8166A)

ProCurve Switch xl 16-Port 10/100/1000 Module (J4907A)

ProCurve Switch xl 4-Port Mini-GBIC Module (J4878A/B)

ProCurve Switch 4208vl-72GS (J9030A)

ProCurve Switch 4204vl-48GS (J9064A)

ProCurve Switch vl 20-Port Gig-T + 4-Port SFP Module (J9033A)

ProCurve Switch vl 4-Port Mini-GBIC Module (J8776A)

ProCurve Switch 3500yl-48G-PWR (J8693A)

ProCurve Switch 3500yl-24G-PWR (J8692A)

ProCurve Switch 3400cl-48G (J4906A)

ProCurve Switch 3400cl-24G (J4905A)

ProCurve Switch 2900-24G (J9049A)

ProCurve Switch 2900-48G (J9050A)

ProCurve Switch 2848 (J4904A)

ProCurve Switch 2824 (J4903A)

ProCurve Switch 2810-48G (J9022A)

ProCurve Switch 2810-24G (J9021A)

ProCurve Switch 2626-PWR (J8164A)

ProCurve Switch 2626 (J4900A/B)

ProCurve Switch 2650-PWR (J8165A)

ProCurve Switch 2650 (J4899A/B)

ProCurve Switch 2600-8-PWR with Gigabit Uplink (J8762A)

ProCurve Switch 2510-24 (J9019A)

ProCurve Switch 1800-24G (J9028A/B)

ProCurve Switch 1700-24 (J9080A)

ProCurve Switch 1400-24G (J9078A)

ProCurve Mini-GBICs and SFPs



ProCurve Gigabit 1000Base-T Mini-GBIC (J8177B)

Ports

1 RJ-45 1000Base-T port (IEEE 802.3ab Type 1000Base-T)
Duplex: full only

Physical characteristics

Dimensions (D x W x H): 6.5 x 1.4 x 1.46 cm (2.56 x 0.55 x 0.57 in.)
Weight: 0.02 kg (0.05 lb.)

Cabling

Type: 1000Base-T: Category 5 (5E or better recommended), 100 Ω differential 4-pair unshielded twisted pair (UTP) or shielded twisted pair (STP) balanced, complying with IEEE 802.3ab 1000Base-T
Maximum distance: 100 m

Notes

- Requires specific code version for support:
- For use with 9300m series modules, requires code 07.8.00a or greater
 - For use with 8100fl series modules, requires CY.01.02.0050 or greater
 - For use with 5300xl series modules, requires code E.09.11 or greater (excluding E.09.21)
- Not supported on dual-personality ports.

Used with the following

- ProCurve 9300 EP 16-Port Mini-GBIC Module (J4894A)
- ProCurve 9300 EP 8-Port Mini-GBIC Redundant Management Module (J4885A)
- ProCurve Switch fl 10-Port Mini-GBIC Interface Module (J8735A)
- ProCurve Switch 6200yl-24G-mGBIC (J8992A)
- ProCurve Switch zl 24-Port Mini-GBIC Module (J8706A)
- ProCurve Switch zl 20-Port 10/100/1000 + 4-Port Mini-GBIC Module (J8705A)
- ProCurve Switch xl 4-Port Mini-GBIC Module (J4878A/B)
- ProCurve Switch vl 4-Port Mini-GBIC Module (J8776A)
- ProCurve Switch 4208vl-72GS (J9030A)
- ProCurve Switch vl 20-Port Gig-T + 4-Port SFP Module (J9033A)
- ProCurve Switch 4204vl-48GS (J9064A)



NEW ProCurve 100-FX SFP-LC Transceiver (J9054B)

A 100-FX transceiver that fits in SFP (small form-factor pluggable, or mini-GBIC) slots and provides 100 Mbps full-duplex connectivity for up to 2 km distances, over multimode fiber

Ports

1 LC 100Base-FX port (IEEE 802.3u Type 100Base-FX)
Duplex: half or full

Physical characteristics

Dimensions (D x W x H): 6.86 x 1.38 x 1.22 cm (2.7 x 0.54 x 0.48 in.)
Weight: 0.03 kg (0.06 lb.)

Environment

Operating temperature: 0°C to 70°C (32°F to 158°F)
Operating relative humidity: 5% to 95%
Non-operating/Storage temperature: -40°C to 85°C (-40°F to 185°F)
Non-operating/Storage relative humidity: 5% to 85%
Altitude: up to 3 km (10,000 ft.)

Cabling

Type:

- 62.5/125 μ m or 50/125 μ m (core/cladding) diameter, graded-index, low metal content, multimode fiber optic, complying with ITU-T G.651 and ISO/IEC 793-2 Type A1b or A1a, respectively

Maximum distance:
2 km (full duplex) or 412 m (half duplex)

Notes

This product is supported in the ProCurve Switch 6200yl, 5400zl, 4200vl (in J9033A module only), 3500yl, 2900, 2810, 2800, and 2510.
This product is not supported in the J8776A Switch vl 4-Port Mini-GBIC Module.
See the document titled "Support for the J9054B 100-FX SFP-LC Transceiver", on the "ProCurve Mini-GBICs and SFPs" manuals Web page, for minimum software requirements to support this product.

Used with the following

- ProCurve Switch 6200yl-24G-mGBIC (J8992A)
- ProCurve Switch 3500yl-24G-PWR (J8692A)
- ProCurve Switch 3500yl-48G-PWR (J8693A)
- ProCurve Switch zl 20-Port 10/100/1000 + 4-Port Mini-GBIC Module (J8705A)
- ProCurve Switch zl 24-Port Mini-GBIC Module (J8706A)
- ProCurve Switch 4208vl-72GS (J9030A)
- ProCurve Switch 4204vl-48GS (J9064A)
- ProCurve Switch vl 20-Port Gig-T + 4-Port SFP Module (J9033A)
- ProCurve Switch 2900-24G (J9049A)
- ProCurve Switch 2900-48G (J9050A)
- ProCurve Switch 2824 (J4903A)
- ProCurve Switch 2848 (J4904A)
- ProCurve Switch 2810-24G (J9021A)
- ProCurve Switch 2810-48G (J9022A)
- ProCurve Switch 2510-24 (J9019A)

For more information

To learn more about ProCurve
Networking, please visit
www.procurve.eu

© 2007 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

4AA1-6006EEE, Fall 2007

