

# ProCurve Mini-GBICs



## ProCurve Gigabit-SX-LC Mini-GBIC (J4858B)

### Ports

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

### 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  $\mu\text{m}$  or 50/125  $\mu\text{m}$  (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:

- 220 m (62.5  $\mu\text{m}$  core diameter, 160 MHz/km bandwidth)
- 275 m (62.5  $\mu\text{m}$  core diameter, 200 MHz/km bandwidth)
- 500 m (50  $\mu\text{m}$  core diameter, 400 MHz/km bandwidth)
- 550 m (50  $\mu\text{m}$  core diameter, 500 MHz/km bandwidth)



## ProCurve Gigabit-LX-LC Mini-GBIC (J4859B)

### Ports

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

### 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  $\mu\text{m}$  or 50/125  $\mu\text{m}$  (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 (a mode conditioning patch cord may be needed in some multimode fiber installations)

Maximum distance: 10 km (single mode) or 550 m (multimode)

## 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 5400zl 24-Port Mini-GBIC Module (J8706A)**

**ProCurve Switch 5400zl 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 vl 4-Port Mini-GBIC Module (J8776A)**

**ProCurve Switch 4160gl (J8152A)**

**ProCurve Switch 4140gl (J8151A)**

**ProCurve Switch gl 20-Port 10/100/1000 Module (J4908A)**

**ProCurve Switch gl 6-Port Mini-GBIC Module (J4893A)**

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

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

**ProCurve Switch 3400cl-48G (J4906A)**

**ProCurve Switch 3400cl-24G (J4905A)**

**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)**

**ProCurve Switch 1800-8G (J9029A)**

Services for accessories are covered under the product in which they are installed.

# ProCurve Mini-GBICs

## ProCurve Gigabit-LH-LC Mini-GBIC (J4860B)

### Ports

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

### 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 5400zl 24-Port Mini-GBIC Module (J8706A)**

**ProCurve Switch 5400zl 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 vl 4-Port Mini-GBIC Module (J8776A)**

**ProCurve Switch 4160gl (J8152A)**

**ProCurve Switch 4140gl (J8151A)**

**ProCurve Switch gl 20-Port 10/100/1000 Module (J4908A)**

**ProCurve Switch gl 6-Port Mini-GBIC Module (J4893A)**

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

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

**ProCurve Switch 3400cl-48G (J4906A)**

**ProCurve Switch 3400cl-24G (J4905A)**

**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)**

**ProCurve Switch 1800-8G (J9029A)**

# ProCurve Mini-GBICs



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

### Ports

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

### 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  $\Omega$  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

When used in the ProCurve Switch gl 10/100/1000 Module (J4908A), the J8177B mini-GBIC can be installed in either the upper or lower mini-GBIC port, but will block access to the other port.

Requires specific code version for support:

- For use with 9300 series modules, requires code 07.8.00a or greater
- For use with 8100 series modules, requires CY.01.02.0050 or greater
- For use with 5300 series modules, requires code E.09.11 or greater (excluding E.09.21)
- For use with 4100 series modules, requires code G.07.69 or greater

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 5400zl 24-Port Mini-GBIC Module (J8706A)**

**ProCurve Switch 5400zl 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 4160gl (J8152A)**

**ProCurve Switch 4140gl (J8151A)**

**ProCurve Switch gl 20-Port 10/100/1000 Module (J4908A)**

**ProCurve Switch gl 6-Port Mini-GBIC Module (J4893A)**