

HP ProCurve Mini-GBICs and SFPs



HP 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): 2.24 x 0.54 x 0.486 in. (5.69 x 1.37 x 1.23 cm)
Weight: 0.04 lb. (0.02 kg)

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
Supported distances:
- 2-220 m (62.5 µm core diameter, 160 MHz*km bandwidth)
- 2-275 m (62.5 µm core diameter, 200 MHz*km bandwidth)
- 2-500 m (50 µm core diameter, 400 MHz*km bandwidth)
- 2-550 m (50 µm core diameter, 500 MHz*km bandwidth)

HP 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): 2.24 x 0.54 x 0.486 in. (5.69 x 1.37 x 1.23 cm)
Weight: 0.04 lb. (0.02 kg)

Cabling
Type: Either single mode or multimode; 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; Low metal content, single-mode fiber-optic, complying with ITU-T G.652 and ISO/IEC 793-2 Type B1
Supported distances:
- 2-550 m (multimode 62.5 µm core diameter, 500 MHz*km bandwidth)
- 2-550 m (multimode 50 µm core diameter, 400 MHz*km bandwidth)
- 2-550 m (multimode 50 µm core diameter, 500 MHz*km bandwidth)
- 2-10,000 m (single-mode fiber)

Notes
A mode conditioning patch cord may be needed in some multimode fiber installations.

HP 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): 2.17 x 0.60 x 0.46 in. (5.5 x 1.53 x 1.18 cm)
Weight: 0.04 lb. (0.02 kg)

Cabling
Type: Low metal content, single-mode fiber-optic, complying with ITU-T G.652 and ISO/IEC 793-2 Type B1
Supported distances:
- 10-70,000 m (single-mode fiber)

Notes
For distances less than 20 km, a 10 dB attenuator must be used.
For distances between 20 km and 40 km, a 5 dB attenuator must be used.
Attenuators can be purchased from most cable vendors.

Used with the following:

HP ProCurve Switch 6108 (J4902A)
HP ProCurve Switch 2824 (J4903A)
HP ProCurve Switch 2848 (J4904A)
HP ProCurve Switch 3400cl-24G (J4905A)
HP ProCurve Switch 3400cl-48G (J4906A)
HP ProCurve Switch 3500yl-24G-PWR Intelligent Edge (J8692A)
HP ProCurve Switch 3500yl-48G-PWR Intelligent Edge (J8693A)
HP ProCurve Switch zl 20-Port 10/100/1000 + 4-Port Mini-GBIC Module (J8705A)
HP ProCurve Switch zl 24-Port Mini-GBIC Module (J8706A)
HP ProCurve Switch 2600-8-PWR with Gigabit Uplink (J8762A)
HP ProCurve Switch vl 4-Port Mini-GBIC Module (J8776A)
HP ProCurve Switch 6200yl-24G-mGBIC (J8992A)
HP ProCurve Switch 2510-24 (J9019B)
HP ProCurve Switch 2510-48 (J9020A)
HP ProCurve Switch 2810-24G (J9021A)
HP ProCurve Switch 2810-48G (J9022A)
HP ProCurve Switch 1800-24G (J9028B)
HP ProCurve Switch 4208vl-72GS (J9030A)
HP ProCurve Switch vl 20-Port Gig-T + 4-Port SFP Module (J9033A)
HP ProCurve Switch 2900-24G (J9049A)
HP ProCurve Switch 2900-48G (J9050A)
HP ProCurve Switch 4204vl-48GS (J9064A)
HP ProCurve Switch 1400-24G (J9078A)
HP ProCurve Switch 1700-24 (J9080A)
HP ProCurve Switch 2610-24 (J9085A)
HP ProCurve Switch 2610-24/12PWR (J9086A)
HP ProCurve Switch 2610-24-PWR (J9087A)
HP ProCurve Switch 2610-48 (J9088A)
HP ProCurve Switch 2610-48-PWR (J9089A)
HP ProCurve 6600-24G Switch (J9263A)
HP ProCurve 6600-24G-4XG Switch (J9264A)
HP ProCurve Switch 2510G-24 (J9279A)
HP ProCurve Switch 2510G-48 (J9280A)
HP ProCurve 6600-48G Switch (J9451A)

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.



HP ProCurve Gigabit 1000Base-T Mini-GBIC (J8177C)

Ports

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

Physical characteristics

Dimensions (D x W x H): 2.71 x 0.54 x 0.55 in. (6.88 x 1.37 x 1.4 cm)
Weight: 0.06 lb. (0.03 kg)

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

Supported distances:
- 100 m

Notes

For supported platforms and minimum software requirements to support this product, see the document titled "Support for the J8177C 1000Base-T Mini-GBIC" on the "ProCurve Mini-GBICs and SFPs" Manuals Web page.

The J8177C Gigabit copper mini-GBIC is not supported on dual-personality ports.

The J8177C is capable of 100 Mb operation. This is supported on only the HP ProCurve Switch 8200zl, 5400zl, and 6200yl Series using software version K.12.21 or later. Use the "auto-100" port setting to enable 100 Mb operation.

Important: The earlier J8177B does not support 100 Mb operation.

Used with the following:

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

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

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

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

HP ProCurve Switch 2510-48 (J9020A)

HP ProCurve Switch 4208vl-72GS (J9030A)

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

HP ProCurve Switch 4204vl-48GS (J9064A)

HP ProCurve Switch 2610-24 (J9085A)

HP ProCurve Switch 2610-24/12PWR (J9086A)

HP ProCurve Switch 2610-24-PWR (J9087A)

HP ProCurve Switch 2610-48 (J9088A)

HP ProCurve Switch 2610-48-PWR (J9089A)

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