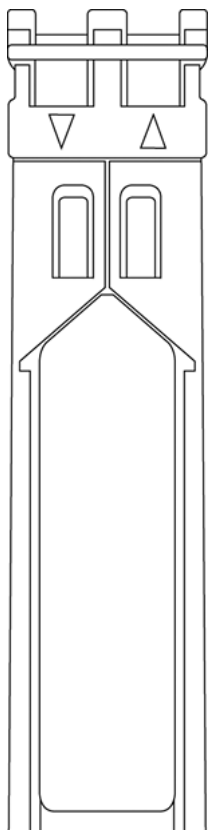
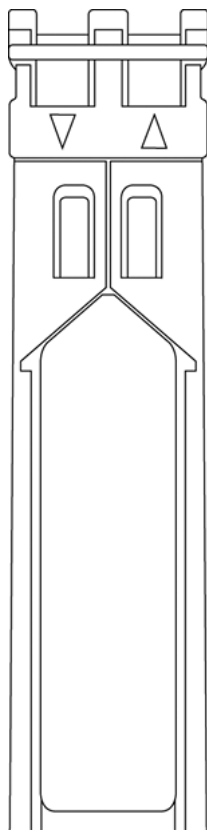


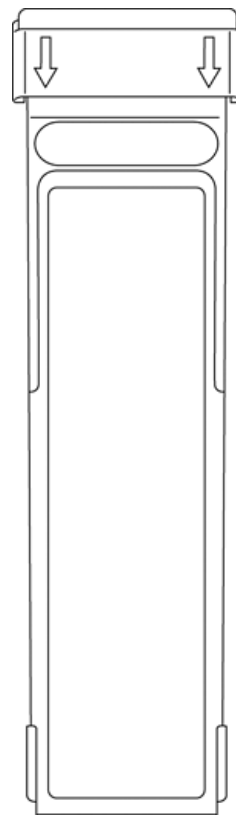
### Overview



HP ProCurve Gigabit-SX-LC Mini-GBIC



HP ProCurve Gigabit-LX-LC Mini-GBIC



HP ProCurve Gigabit-LH-LC Mini-GBIC

### Models

HP ProCurve Gigabit-SX-LC Mini-GBIC  
HP ProCurve Gigabit-LX-LC Mini-GBIC  
HP ProCurve Gigabit-LH-LC Mini-GBIC

J4858C  
J4859C  
J4860C

### Technical Specifications

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

A small form factor pluggable (SFP) gigabit SX transceiver that provides a full-duplex gigabit solution up to 550 meters on multimode fiber.

#### Physical characteristics

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

Dimensions: 2.24(d) x 0.54(w) x 0.486(h) in. (5.69 x 1.37 x 1.23 cm)

Weight: 0.04 lb. (0.02 kg)

#### 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)

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

A small form factor pluggable (SFP) gigabit LX transceiver that provides a full-duplex gigabit solution up to 10 km (singlemode) or 550 m (multimode).

#### Physical characteristics

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

Dimensions: 2.24(d) x 0.54(w) x 0.486(h) 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  $\mu\text{m}$  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
- Low metal content, single-mode fiber-optic, complying with ITU-T G.652 and ISO/IEC 793-2 Type B1

Maximum distance:

- 10 km (single mode) or 550 m (multimode)

#### Notes

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

### Technical Specifications

#### HP ProCurve Gigabit-LH- Ports LC Mini-GBIC (J4860C)

A small form factor pluggable (SFP) gigabit LH transceiver that provides a full-duplex gigabit solution up to 70 km on singlemode fiber.

#### Physical characteristics

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

Dimensions: 2.17(d) x 0.60(w) x 0.46(h) 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

Maximum distance:

- 70 km

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