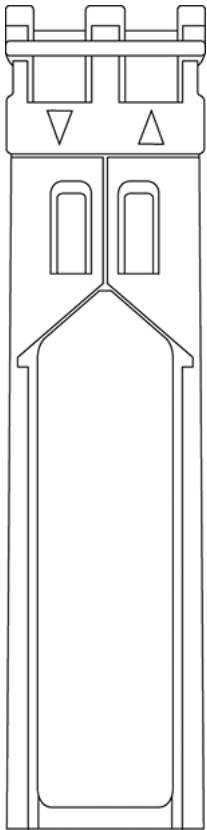


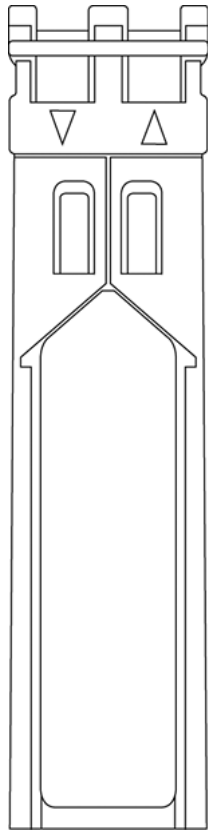
QuickSpecs

HP X121 1G SFP LC Transceivers (SX, LX, LH)

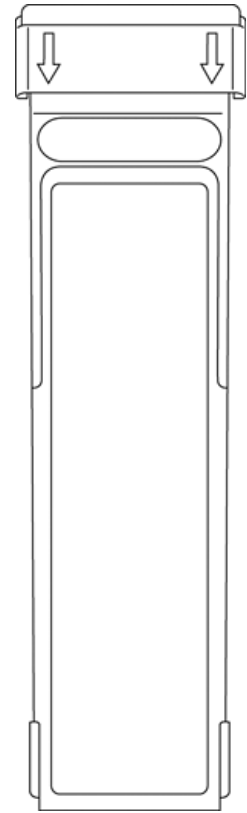
Overview



HP X121 1G SFP LC SX Transceiver



HP X121 1G SFP LC LX Transceiver



HP X121 1G SFP LC LH Transceiver

Models

HP X121 1G SFP LC SX Transceiver
HP X121 1G SFP LC LX Transceiver
HP X121 1G SFP LC LH Transceiver

J4858C
J4859C
J4860C



QuickSpecs

HP X121 1G SFP LC Transceivers (SX, LX, LH)

Technical Specifications

| | | |
|---|-----------------------------------|---|
| HP X121 1G SFP LC SX Transceiver (J4858C) | Ports | 1 LC 1000BASE-SX port; Duplex: full only |
| A small form-factor pluggable (SFP) Gigabit SX transceiver that provides a full-duplex Gigabit solution up to 550 m on multimode fiber. | Physical characteristics | Dimensions: 2.24(d) x 0.54(w) x 0.48(h) in. (5.69 x 1.37 x 1.22 cm) Weight: 0.04 lb. (0.02 kg) Transceiver form factor: SFP |
| | Environment | Operating temperature: 32°F to 158°F (0°C to 70°C) Operating relative humidity: 5% to 85%, noncondensing Nonoperating/Storage temperature: -40°F to 203°F (-40°C to 85°C) Altitude: up to 10,000 ft. (3 km) |
| | Electrical characteristics | Power consumption typical: 0.4 W Power consumption maximum: 0.7 W |
| | Cabling | Type: <ul style="list-style-type: none">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: <ul style="list-style-type: none">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) Cable length: 2-550m Fiber type: Multi Mode |
| | Services | Refer to the HP website at www.hp.com/networking/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 X121 1G SFP LC LX Transceiver (J4859C) | Ports | 1 LC 1000BASE-LX port (IEEE 802.3z Type 1000BASE-LX); Duplex: full only |
| HP X121 1G SFP LC LX Transceiver: An SFP format gigabit transceiver with LC connectors using LX technology. | Physical characteristics | 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) |
| | Environment | Operating temperature: 32°F to 158°F (0°C to 70°C) Operating relative humidity: 0% to 85%, noncondensing Nonoperating/Storage temperature: -40°F to 212°F (-40°C to 100°C) Altitude: up to 10,000 ft. (3 km) |
| | Cabling | Type: <ul style="list-style-type: none">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; Maximum distance: <ul style="list-style-type: none">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) |



QuickSpecs

HP X121 1G SFP LC Transceivers (SX, LX, LH)

Technical Specifications

| | | |
|---|---------------------------------|---|
| | | <ul style="list-style-type: none">• 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. Wavelength: 1310nm Power Consumption: < 500mW Typical |
| Services | | Refer to the HP website at www.hp.com/networking/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. |
| <hr/> | | |
| HP X121 1G SFP LC LH Transceiver (J4860C) | Ports | 1 LC 1000BASE-LH port (no IEEE standard exists for 1550 nm optics); Duplex: full only |
| A small form-factor pluggable (SFP) Gigabit LH transceiver that provides a full-duplex Gigabit solution up to 70 km on single-mode fiber. | Physical characteristics | 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) |
| | Environment | Operating temperature: -40°F to 185°F (-40°C to 85°C) Operating relative humidity: 0% to 95% @ 77°F (25°C), noncondensing Nonoperating/Storage temperature: -40°F to 185°F (-40°C to 85°C) Altitude: up to 10,000 ft. (3 km) |
| | Cabling | Cable type: <ul style="list-style-type: none">• Low metal content, single-mode fiber-optic, complying with ITU-T G.652 and ISO/IEC 793-2 Type B1; Maximum distance: <ul style="list-style-type: none">• 10-70,000 m (single-mode fiber) |
| | Notes | Power consumption is 0.8 watts typical with 1 watt maximum at 100% utilization. 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. |
| Services | | Refer to the HP website at www.hp.com/networking/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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