

## HP ProCurve 10-GbE SFP+ Transceivers and Direct Attach Cables



### **NEW** HP ProCurve 10-GbE SFP+ SR Transceiver (J9150A)

#### Ports

1 LC 10-GbE port (IEEE 802.3ae Type 10GBase-SR)  
Duplex: full only

#### Physical characteristics

Dimensions (D x W x H): 2.19 x 0.54 x 0.47 in. (5.57 x 1.38 x 1.19 cm)

#### Environment

Operating temperature: 32°F to 158°F (0°C to 70°C)  
Operating relative humidity: 0% to 85%, non-condensing  
Non-operating/Storage temperature: -40°F to 158°F (-40°C to 85°C)

#### 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:

- 62.5 µm multimode cable @ 160 MHz\*km = 2–26 m
- 62.5 µm multimode cable @ 200 MHz\*km = 2–33 m
- 50 µm multimode cable @ 400 MHz\*km = 2–66 m
- 50 µm multimode cable @ 500 MHz\*km = 2–82 m
- 50 µm multimode cable @ 2000 MHz\*km = 2–300 m

#### Notes

850 nm serial optics  
For fiber patch cords, use Ultra Physical Contact (UPC) surface termination/polish. Angled Physical Contact (APC) is not recommended.



### **NEW** HP ProCurve 10-GbE SFP+ LR Transceiver (J9151A)

#### Ports

1 LC 10-GbE port (IEEE 802.3ae Type 10GBase-LR)  
Duplex: full only

#### Physical characteristics

Dimensions (D x W x H): 2.19 x 0.54 x 0.47 in. (5.57 x 1.38 x 1.19 cm)

#### Environment

Operating temperature: 32°F to 158°F (0°C to 70°C)  
Operating relative humidity: 0% to 85%, non-condensing  
Non-operating/Storage temperature: -40°F to 185°F (-40°C to 85°C)

#### Cabling

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

#### Supported distances:

- 9/125 µm single-mode cable = 2 m–10 km

#### Notes

1310 nm serial optics.  
Conditioning patch cord cables are not supported.  
For fiber patch cords, use Ultra Physical Contact (UPC) surface termination/polish. Angled Physical Contact (APC) is not recommended.



### **NEW** HP ProCurve 10-GbE SFP+ LRM Transceiver (J9152A)

#### Ports

1 LC 10-GbE port (IEEE 802.3aq Type 10GBase-LRM)  
Duplex: full only

#### Physical characteristics

Dimensions (D x W x H): 2.19 x 0.54 x 0.47 in. (5.57 x 1.38 x 1.19 cm)

#### Environment

Operating temperature: 32°F to 158°F (0°C to 70°C)  
Operating relative humidity: 0% to 85%, non-condensing  
Non-operating/Storage temperature: -40°F to 185°F (-40°C to 85°C)

#### 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 (a mode conditioning patch cord may be needed in some multimode fiber installations)

#### Supported distances:

- 62.5 µm multimode cable @ 160/500 MHz\*km = 0.5–220 m
- 62.5 µm multimode cable @ 200/500 MHz\*km = 0.5–220 m
- 50 µm multimode cable @ 400/400 MHz\*km = 0.5–100 m
- 50 µm multimode cable @ 500/500 MHz\*km = 0.5–220 m
- 50 µm multimode cable @ 1500/500 MHz\*km = 0.5–220 m

#### Notes

1310 nm serial optics.  
For OM3 cable (50 µm multimode @ 1500/500 MHz\*km), a mode-conditioning patch cord is not required. Other multimode cables may require mode-conditioning patch cords to achieve the supported distances listed above.  
For fiber patch cords, use Ultra Physical Contact (UPC) surface termination/polish. Angled Physical Contact (APC) is not recommended.

### Used with the following:

HP ProCurve 6600-24G-4XG Switch (J9264A)

HP ProCurve 6600-24XG Switch (J9265A)

HP ProCurve 6600-48G-4XG Switch (J9452A)

### 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](http://www.procurve.com/support) for details on the support provided and the period during which support is available.

## HP ProCurve 10-GbE SFP+ Transceivers and Direct Attach Cables

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**NEW** HP ProCurve 10-GbE SFP+ 1 m Direct Attach Cable (J9281A), not pictured

A low-cost 10-Gigabit connectivity option consisting of a 1 m cable with SFP+ connectors permanently attached to each end.

For product specifications, see the ProCurve Web site at [ProCurve.com](http://ProCurve.com)

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**NEW** HP ProCurve 10-GbE SFP+ 3 m Direct Attach Cable (J9283A), not pictured

A low-cost 10-Gigabit connectivity option consisting of a 3 m cable with SFP+ connectors permanently attached to each end.

For product specifications, see the ProCurve Web site at [ProCurve.com](http://ProCurve.com)

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**NEW** HP ProCurve 10-GbE SFP+ 7 m Direct Attach Cable (J9285A), not pictured

A low-cost 10-Gigabit connectivity option consisting of a 7 m cable with SFP+ connectors permanently attached to each end.

For product specifications, see the ProCurve Web site at [ProCurve.com](http://ProCurve.com)

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### Used with the following:

HP ProCurve 6600-24G-4XG Switch (J9264A)

HP ProCurve 6600-24XG Switch (J9265A)

HP ProCurve 6600-48G-4XG Switch (J9452A)

### 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](http://www.procurve.com/support) for details on the support provided and the period during which support is available.