QuickSpecs

Overview

Models

HP ProCurve 10-GbE SFP+ SR Transceiver

HP ProCurve 10-GbE SFP+ LR Transceiver

J9150A

HP ProCurve 10-GbE SFP+ LR Transceiver

J9151A

HP ProCurve 10-GbE SFP+ LRM Transceiver

J9152A



QuickSpecs

Technical Specifications

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

A 10-Gigabit transceiver in SFP+ form-factor that supports the 10-Gigabit SR standard, providing 10-Gigabit connectivity up to 300 m on multimode fiber.

Ports

Environment

Cabling

Physical characteristics

Dimensions

1 LC 10-GbE port (IEEE 802.3ae Type 10Gbase-SR); Duplex: full only $2.19(d) \times 0.54(w) \times 0.47(h)$ in. $(5.57 \times 1.38 \times$

1.19 cm)

Operating temperature Operating relative

32°F to 158°F (0°C to 70°C) 0% to 85%, non-condensing

humidity

Non-operating/ Storage temperature

-40°F to 185°F (-40°C to 85°C)

Type:

62.5/125 im or 50/125 im (core/cladding) diameter, graded-index, low metal content, multimode fiber optic, complying with ITU-T G.651 and ISO/IEC 793-2

Type Alb or Ala, respectively;

Maximum distance:

• 62.5 μ m multimode cable @ 160 MHz*km = 2-26 m

• 62.5 μ m multimode cable @ 200 MHz*km = 2-33 m $50 \,\mu\text{m}$ multimode cable @ 400 MHz*km = 2-66 m

• 50 μ m multimode cable @ 500 MHz*km = 2-82 m

• 50 μ m 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.

Refer to the HP Web site at www.procurve.com/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 ProCurve 10-GbE SFP+ LR Transceiver (J9151A)

A 10-Gigabit transceiver in SFP+ form-factor that supports the 10-Gigabit LR standard, providing 10-Gigabit connectivity up to 10 km on single-mode Cabling fiber.

Ports

Services

Physical characteristics

1 LC 10-GbE port (IEEE 802.3ae Type 10Gbase-LR); Duplex: full only **Dimensions** $2.19(d) \times 0.54(w) \times 0.47(h)$ in. $(5.57 \times 1.38 \times$

1.19 cm)

Operating temperature Environment

32°F to 158°F (0°C to 70°C) 0% to 85%, non-condensing

humidity

Non-operating/

Operating relative

-40°F to 185°F (-40°C to 85°C)

Storage temperature

Type:

Low metal content, single-mode fiber-optic, complying with ITU-T G.652

and ISO/IEC 793-2 Type B1;

Maximum distance:

• $9/125 \,\mu \text{m}$ single-mode cable = $2 \,\text{m-}10 \,\text{km}$

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.



QuickSpecs

Technical Specifications

Services

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

A 10-Gigabit transceiver in SFP+ form-factor that supports the 10-Gigabit LRM standard, for 10-Gigabit connectivity up to 220 m on legacy multimode fiber.

Ports

Environment

Physical characteristics

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

Dimensions $2.19(d) \times 0.54(w) \times 0.47(h)$ in. $(5.57 \times 1.38 \times 1.19 \text{ cm})$

Operating temperature 32°F to 158°F (0°C to 70°C)
Operating relative 0% to 85%, non-condensing

humidity

Non-operating/ -40°F to 185°F (-40°C to 85°C)

Storage temperature

Cabling Type:

62.5/125 im or 50/125 im (core/cladding) diameter, graded-index, low metal content, multimode fiber optic, complying with ITU-T G.651 and ISO/IEC 793-2

Type Alb or Ala, respectively (a mode conditioning patch cord may be needed in some multimode fiber installations);

Maximum distance:

• 62.5 μ m multimode cable @ 160/500 MHz*km = 0.5-220 m

• 62.5 μ m multimode cable @ 200/500 MHz*km = 0.5-220 m

• 50 μ m multimode cable @ 400/400 MHz*km = 0.5-100 m

• 50 μ m multimode cable @ 500/500 MHz*km = 0.5-220 m

• 50 μ m multimode cable @ 1500/500 MHz*km = 0.5-220 m

Notes 1310 nm serial optics.

For OM3 cable (50 im multimode @ 1500/500 MHz*km), a mode-conditioning patch cord is not required. Other multimode cables may

mode-conditioning patch cords to achieve the maximum distances listed

above.

For fiber patch cords, use Ultra Physical Contact (UPC) surface

termination/polish. Angled Physical Contact (APC) is not recommended.

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and response times in your area, please contact your local HP sales office.

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