Overview

Models

HP ProCurve 10-GbE SFP+ SR Transceiver	J9150A
HP ProCurve 10-GbE SFP+ LR Transceiver	J9151A
HP ProCurve 10-GbE SFP+ LRM Transceiver	J9152A

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**		1 LC 10-GbE port (IEEE 802.3ae Type 10Gbase-SR); Duplex: full only
	Physical characteristics	**Dimensions**	2.19(d) x 0.54(w) x 0.47(h) 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 ìm or 50/125 ìm (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: • 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.
	Services		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 fiber.	**Ports**		1 LC 10-GbE port (IEEE 802.3ae Type 10Gbase-LR); Duplex: full only
	Physical characteristics	**Dimensions**	2.19(d) x 0.54(w) x 0.47(h) 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; Maximum distance: • 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.

Technical Specifications

	Services	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+ 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		1 LC 10-GbE port (IEEE 802.3aq Type 10Gbase-LRM); Duplex: full only
	Physical characteristics	Dimensions	2.19(d) x 0.54(w) x 0.47(h) 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 ìm or 50/125 ìm (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); Maximum distance: • 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 ìm 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 maximum distances listed above. For fiber patch cords, use Ultra Physical Contact (UPC) surface termination/polish. Angled Physical Contact (APC) is not recommended.
	Services		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.

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