

### Overview

### HP 10GbaseT SFP+ transceiver

### Models

HP 10GBase-T SFP+ Transceiver

813874-B21

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### Key features

- SFF-8431 and SFF-8432 MSA Compliant
  - Supports Links up to 30m using Cat 6a/7 Cable
  - RJ45 connector
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### Product overview

The 10GBase-T SFP+ transceiver will transmit 10GbpE over up to 30m using Cat 6a/7 cable, providing high speed bi-directional communication links over copper media.

### Overview

<b>HP 10GBase-T SFP+ Transceiver</b> (813874-B21)	<b>Ports</b>	1 10-GbE SFP+ port; Duplex: full only
	<b>Connectivity</b>	<b>Connector type</b> RJ45
	<b>Physical characteristics</b>	<b>Dimensions</b> 2.8(d) x 0.53(w) x 0.55(h) in. (7.11 x 1.35 x 1.40 cm) <b>Weight</b> .04 lb., Fully loaded <b>Transceiver form factor</b> SFP+
	<b>Environment</b>	<b>Operating temperature</b> 32°F to 158°F (0°C to 70°C) <b>Operating relative humidity</b> 5% to 95%, noncondensing <b>Non-operating/Storage temperature</b> -40°F to 185°F (-40°C to 85°C) <b>Non-operating/Storage relative humidity</b> 5% to 95%, noncondensing <b>Altitude</b> up to 100 ft. (30 m)
	<b>Electrical characteristics</b>	<b>Power consumption typical</b> 2.3 W <b>Power consumption maximum</b> 2.5 W
	<b>Cabling</b>	<b>Cable type:</b> Cat 6a/7 cable <b>Maximum distance:</b> 30 m <b>Fiber type</b> Copper
	<b>Notes</b>	Check switch release notes for minimum version of software required to support this transceiver. Some switches have limits as to how many of this particular transceiver can be installed. See the release notes of the switch software/firmware being used for more details.
	<b>Services</b>	Refer to the HP website at: <a href="http://www.hp.com/networking/services">http://www.hp.com/networking/services</a> 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.

To learn more, visit [www.hp.com/networking](http://www.hp.com/networking)

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