Overview

HPE 10GbaseT SFP+ transceiver

Models

HPE 10GBase-T SFP+ Transceiver	813874-B21

Key features

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

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.

Technical Specifications

HPE 10GBase-T SFP+ Transceiver (813874-B21)	**Ports**	1 10-GbE SFP+ port; Duplex: full only	
	Connectivity	**Connector type**	RJ45
	Physical characteristics	**Dimensions**	2.8(d) x 0.53(w) x 0.55(h) in. (7.11 x 1.35 x 1.40 cm)
		Weight	0.04 lb., Fully loaded
		Transceiver form factor	SFP+
	Environment	**Operating temperature**	32°F to 158°F (0°C to 70°C)
		Operating relative humidity	5% to 95%, noncondensing
		Non-operating/Storage temperature	-40°F to 185°F (-40°C to 85°C)
		Non-operating/Storage relative humidity	5% to 95%, noncondensing
		Altitude	up to 10,000 ft. (30 km)
	Electrical characteristics	**Power consumption typical**	2.3 W
		Power consumption maximum	2.5 W
	Cabling	**Cable type:**	Cat 6a/7 cable
		Maximum distance:	30 m
		Fiber type	Copper
	Notes	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.	
	Services	Refer to the Hewlett Packard Enterprise website at: **http://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 Hewlett Packard Enterprise sales office.	

Summary of Changes

Date	Version History	Action	Description of Change
11-Dec-2015	From Version 1 to 2	Changed	Overview section was updated.

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