

Overview

HPE 25G and 100G Transceivers

Models

HPE 25Gb SFP28 SR 100m Transceiver	845398-B21
HPE 100Gb QSFP28 MPO SR4 100m Transceiver	845966-B21

Technical Specifications

HPE 25Gb SFP28 SR Ports

100m Transceiver

(845398-B21)

A 25-Gigabit transceiver in SFP28 form-factor that supports the SR standard, providing 25-Gigabit connectivity up to 100m on multi-mode fiber.

Connectivity

1 LC 25-GbE port (IEEE 802.3 Type 25Gbase-SR) duplex full only

Physical characteristics

Connector type

LC

Wavelength

850 nm

Dimensions

0.54 x 2.19 x 0.47 in. (13.8 x 55.7 x 11.9 mm)

Weight

0.04 lb. (20 g)

Transceiver form factor

SFP28

Environment

Operating temperature

32°F to 158°F (0°C to 70°C)

Operating relative humidity

0% to 85%, noncondensing

Nonoperating/Storage temperature

-40°F to 185°F (-40°C to 85°C)

Electrical characteristics

Voltage Supply

3.3 V

Power consumption maximum

1.5 W

Cable type

OM3, OM4

Cable length

Up to 70m (OM3); up to 100m (OM4)

Fiber type

Multi-mode

Cabling

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

Notes

Services

Refer to the Hewlett Packard Enterprise website at:

<http://www.hp.com/services/bladesystem> 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.

HPE 100Gb QSFP28 Ports

MPO SR4 100m

Transceiver

(845966-B21)

A 100-Gigabit transceiver in QSFP28 form-factor that supports the 4x25-Gigabit SR4 standard, providing 100-Gigabit connectivity up to 100m on using

Connectivity

1 MPO 100-GbE port (IEEE 802.3 Type 100Gbase-SR4)

Physical characteristics

Connector type

MPO

Wavelength

850 nm

Dimensions

0.72 x 2.86 x 0.33 in. (18.35 x 72.7 x 8.5 mm)

Weight

0.08 lb. (36 g)

Transceiver form factor

QSFP28

Environment

Operating temperature

32°F to 158°F (0°C to 70°C)

Operating relative humidity

0% to 85%, noncondensing

Non-operating/Storage

-40°F to 185°F (-40°C to 85°C)

Technical Specifications

standard MPO connector with multi-mode fiber.

temperature

Electrical characteristics

Voltage Supply	3.3 V
Power dissipation maximum	2.0 W

Cabling

Cable type	OM3, OM4
Cable length	Up to 70m (OM3); up to 100m (OM4)
Fiber type	Multi-mode

Notes

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

Services

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Summary of Changes

Date	Version History	Action	Description of Change
06-Jun-2016	Version 1	Created	New QuickSpecs.



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To learn more, visit:

<http://h18004.www1.hp.com/products/blades/components/c-class-interconnects.html>



c04939512 - 15520 - Worldwide - V1 – 06-Jun-2016