

HPE JD094B-BX40-U Compatible SFP+ Module - 10GBASE-BX - 10 GbE Gigabit Ethernet BiDi Fiber (SMF)

**Product ID:** JD094B-BX40-U-ST



The JD094B-BX40-U-ST is an HPE JD094B-BX40-U compatible upstream fiber SFP+ transceiver which pairs with StarTech.com's JD094B-BX40-D-ST. They are designed, programmed and tested to work with 10GBASE-BX compatible HPE switches and routers. The SFP+ transceiver module supports a maximum distance of up to 40 km (24.8 mi) and delivers dependable 10 GbE connectivity over fiber cabling.

#### Technical Specifications:

- Wavelength: 1270nmTx/1330nmRx
- Maximum Data Transfer Rate: 10Gbps
- Type: Single Mode Fiber
- Connection Type: LC Connector
- Maximum Transfer Distance: 40 km (24.8 mi)
- Power Consumption: > 1.6W
- DDM: Yes

This SFP+ fiber module is hot-swappable, making upgrades and replacements seamless by minimizing network disruptions.

All StarTech.com SFP & SFP+ transceiver modules are backed by a lifetime warranty and free lifetime multilingual technical support. StarTech.com offers a wide variety of SFP+ modules and direct-attach SFP+ Cables, providing the convenience and reliability you need to ensure dependable network performance.

#### Certifications, Reports and Compatibility



## Applications

### Features

- 100% HPE JD094B-BX40-U COMPATIBLE: 10 Gigabit Ethernet BiDi Fiber Single Strand SFP+ works with HPE switches like 5900, 12500, 5500, 5820, 5120 and others
- INCREASE BANDWIDTH ON EXISTING INFRASTRUCTURE: This 10 Gigabit Ethernet bi-directional WDM SFP+ transceiver module sends and receives over a single strand of fiber optic cable instead of two
- TECHNICAL SPECS: 10GBASE-BX 10Gbps 10G Bi-Directional Upstream Single Mode (SMF) LC Connector 1270nmTx/1330nmRx Digital Diagnostic Monitoring (DDM) Distances up to 40km (24.8mi)
- PROGRAMMED & TESTED FOR COMPATIBILITY: Compatible with OEM routers and switches. MSA Compliant with DDM that reports the transceiver's status to most SNMP network management tools
- THE IT PRO'S CHOICE: Designed and built for IT Professionals, this SFP module is backed for life (lifetime of module, not network switch), including free lifetime 24/5 multi-lingual technical assistance

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#### Hardware

Warranty	Lifetime
Compatible Brand	HPE
Industry Standards	IEEE 802.3ae 10GBASE-BX

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#### Performance

Maximum Data Transfer Rate	10.00 Gbps
Max Transfer Distance	40 km (24.8 mi)
Type	Single Mode
Wavelength	1270nmTx/1330nmRx
Fiber Operating Mode	Full-Duplex
DDM	Yes
Compatible Networks	10 Gbps

MTBF 646,156,559 hours

Power Consumption (In Watts) < 1.6W

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**Physical Characteristics**

Product Length	0.5 in [1.4 cm]
Product Width	2.3 in [5.8 cm]
Product Height	0.5 in [1.3 cm]
Weight of Product	0.8 oz [24 g]

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**Packaging Information**

Package Length	4.4 in [11.2 cm]
Package Width	3.7 in [9.4 cm]
Package Height	1.3 in [3.2 cm]
Shipping (Package) Weight	1.9 oz [54.0 g]

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**What's in the Box**

Included in Package	1 - SFP+ Transceiver
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**Warranty Information**

Warranty	Lifetime
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*\*Product appearance and specifications are subject to change without notice.*

